

# THE AMERICAN RIFLEMAN

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**AL HEMMING  
WINS SENSATIONAL  
VICTORY IN  
"SOUTHEASTERN  
REGIONAL" with**

**PETERS  
"POLICE  
MATCH"**

★ **AL HEMMING**, Detroit Police, was the sensation of the Eighth Annual Southeastern and Florida State Championship Pistol Tournament when he took the .22 Cal. Pistol Championship, with a score of 877; the Center Fire Pistol Championship, with 860; the NRA Regional Championship, with 1737; the Southeastern Individual Open Championship, with 859; the .45 Cal. Pistol Championship, with 829; the Southeastern Individual Open Championship, with 855; the Slow Fire Championship, with 542; and the All-Around Aggregate, with 2566. He won the .22 Cal. Slow Fire, with 192 x 200; the .22 Cal. Rapid Fire, with 197 x 200; the Center Fire Timed Fire, with 199 x 200; and the Center Fire Slow Fire, with 185 x 200. Hemming shot Peters Police Match through all events.



★ **LOS ANGELES POLICE TEAM NO. 1**, shooting Peters Police Match and Target won all of the 5-man team events at the Fifth Southwest International Pistol Matches, July 21-23, at San Diego. Their winning scores were: .22 Cal. National Course, 1413; .38 Cal. National Course, 1384; Service Pistol National Course, 1365; and Police Course, 1438. Left to right, the team members are: E. E. Jones, J. J. Engbrecht, M. E. Wheeler, L. J. Young, C. E. Ward and J. O. Dircks.



★ **GLORIA JACOBS**, shooting Peters Police Match in the Fifth Southwest International Pistol Matches, set a new Police Match Course record for women with a score of 291 x 300.



★ **MRS. MARIE CANFIELD**, Miami, Fla., set a new State Record, shooting Peters Police Match .38's in the Southeastern Regional, when she took the Women's State Championship, with a score of 197 x 200.



★ **F. M. O'CONNOR**, Kansas City Police, made a clean sweep of the Corn States Pistol Matches at Omaha, July 29, by winning all of the 17 events for which he was eligible! O'Connor shot Peters Police Match and Peters Target ammunition.

★ **SGT. LEO ALLSTOT**, shooting Peters Police Match, took 6 out of 10 firsts and 2 seconds in winning the Iowa State Pistol Matches July 9, at Des Moines.

**PETERS** **DU PONT**  
PETERS CARTRIDGE DIVISION, Remington Arms Co., Inc., Bridgeport, Conn.  
MEMBER AMERICAN WILDLIFE INSTITUTE, "FOR A MORE ABUNDANT GAME SUPPLY"



*Peters Match and Target are Peters Cartridge Division Trade Marks Reg. U. S. Pat. Off.*

# THE AMERICAN RIFLEMAN

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Courtesy Ian Glendenning, Newcastle-on-Tyne, England. Picture was not posed, and shows Mr. Glendenning in the act of firing his .455 S. & W. revolver on the Ponteland Rifle Range. Note recoil of the heavy cartridge.

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# POWDER SMOKE

## SO YOU CAN'T WIN?

TRAVEL ABOUT THE COUNTRY and visit with rifle and pistol shooters in their local communities, and you will find an amount of interest and activity that will warm your heart.—Week-end shoots attracting more shooters than some of this year's Regionals; local Class C Tournaments with more competitors, enthusiasm, and good fellowship than many state championships can boast. Friendly, enthusiastic, fine sportsmen, these, studying the game, burning thousands of rounds of ammunition, and having a whale of a good time.

Ask them why in the world they don't turn out at the Regional or State Championships: is it that they dislike anything about N. R. A. Rules? Definitely no; they are firm believers in standard rules, and real boosters for the N. R. A. Then why do they turn out in droves for local matches, and stay away from the "big-time" shoots? Always the answer is the same: "We haven't got a chance; we can't win." Some point to their equipment, some to a "ceiling" to their scores which they are seemingly unable to penetrate, some merely are waiting to accumulate more experience. But it always boils down to the answer, "We can't win."

Why should shooters take such a defeatist attitude, when participants in other sports recognize the need of several years' experience, experimentation, and competition against top-flight experts, before they can logically hope to engrave their names upon cherished trophies?

One reason is that other sports "play up" their "discoveries," their "boy wonders," their *ascending* stars, while in rifle and pistol shooting we take these for granted. We seem to fear the development of "swelled heads," and we treat the rise of a new star with all the commonplace complacency of a father just informed of the birth of his fifteenth heir. But we laud to the skies *another* victory of some well-known figure who has long since established himself as a collector of cash, medals, and assorted cups. The logical result is that the average club member hears nothing about the scores of boys who rise from the "can't win" to the "can win" ranks every season, and he gets the impression that all the matches are always won by the same little group of sharks who have apparently been winning from time immemorial.

"Athletics shellac the Yankees" is a more interesting headline from the standpoint of a baseball man than "Yankees swamp the A's." "Babe Ruth fans three times" frequently got the call as a headline, even though the Babe's ball club *did* win the game. Have you ever seen a rifle story headlined "Johnny Cornatassell takes Bill Schweitzer to the cleaners" or "Randle finishes tenth in Swamp Hollow Aggregate"? When Al Hemming takes it on the chin in three matches out of eight, do the headlines play up young Kirk who pitched the three strikes? Not in *our*

game: we play up Al's five wins—and all the youngsters who would have been vastly encouraged by Kirk's victories, read the headlines and say "Hemming always wins; I haven't got a chance!"

Following the lead of our magazine and newspaper writers, our national advertisers do their bit to discourage the tyro. Schweitzer, Randle, Miller, Hemming, Reeves, Jones—month after month the old familiar pictures; the old familiar listing of records broken, of matches won. Of course some new men *did* win some matches from these veterans during the month, but nobody knows the youngsters, so play up the *big* names—time enough to play up the younger fellows *after* they have won a lot more events! But suppose before that time comes these youngsters get discouraged, along with hundreds of the "can't wins" from whose ranks they have just graduated, and decide to take up some game that encourages its new winners with pictures and publicity?

It's all wrong, you fellows who like to shoot but think you haven't a chance. You have plenty of chances. The N. R. A. has established a nation-wide classification system which is going to spread rapidly to every Registered Tournament in the land. So, you *can* win in your own class—beginning right now. Furthermore, you can win in *any* class if you *really* set out to *learn* how to shoot top scores. No one in any sport gets to the top by (a) wishing, (b) complaining that others are too good, (c) avoiding competition with the only ones from whom he can learn—those who are at or near the top.

Look at the roster of this year's victorious Pershing Trophy Team. It was only two years ago that the preceding team went to England—but of the twelve firing members and alternates on the 1939 team, *ten were new men!* So you can't win?

Look at the history of the President's Match, The Clarke Memorial Pistol Match, the National Individual Rifle and Pistol Matches. Every year since their inception these matches have been won by new men—frequently by men attending their first National Matches. And you say you can't win!

Certainly, men rise to the top in the rifle game and the pistol game, and dominate the picture for a time. They do the same in baseball, boxing, tennis, golf, and horse-shoe pitching. It is the hope of becoming such a champion that furnishes the incentive and drive that makes a sportsman instead of a grandstand sitter. But in rifle and pistol shooting, as in every other sport, the world-famous champion is always dethroned by a man who once was "just a tyro." The new "champ" was that kind of a tyro that said "Some day I'm going to win!"



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## THE PERSHING MATCH

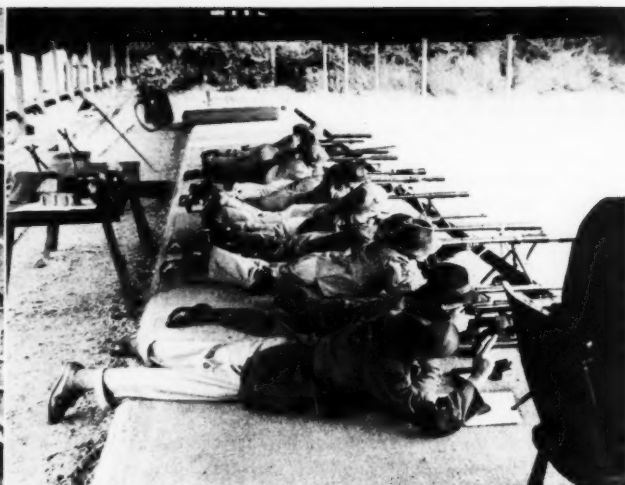
By THE OLD ADJUTANT

ON THE banks of the Thames River near Twickenham Ferry, on the outskirts of London, lies the famous and beautiful Ham and Petersham Rifle Range. Here, before a large gallery of anxious spectators late in the afternoon of Sunday, July 9th, the cream of America's small bore rifle shots stood their ground and wrested from their British cousins the now famous Pershing Trophy, which the skillful riflemen of Great Britain had successfully defended since winning it by a 2-point margin on the Bisley Range in July, 1931. In 1937 a hand-picked team from America again shot on the Bisley Range during the July National meeting, and were for the second time handed a 2-point defeat.

After months of preliminary work in Washington, the members selected for the Pershing Team first assembled, as a team, at the Mayflower Hotel in Washington on the morning of June 20th, and from then on they functioned as a team 100%. At noon that day the team was presented to Judge Moore, Under-Secretary of the Department of State, by General Reckord; and by a strange coincidence, Colonel Hatcher, who captained the 1931 Team, met us in the halls of the State Department, and bid us bon

voyage after we had been received by Judge Moore. At 3:00 p. m. the Team was received at the British Embassy by Group Captain Perry, who welcomed it on behalf of the Ambassador, and as a mark of the warm feeling existing between the two great nations of English-speaking people, he posed for a picture with the Team. At 7:30 that night The National Rifle Association gave a farewell banquet to the Team at the Mayflower Hotel, upon which occasion Colonel L. W. T. Waller, President of the Association, presided. Upon the conclusion of his talk to the Team, Colonel Waller produced the original knife that was used by him when he was Captain of the American Team which won the Free Rifle Championship in Europe some years ago. This knife at that time became famous because it was used by Colonel Waller in carving the much-talked-of *Whittling Stick* during the firing of that World Championship Match. The riflemen of America are not superstitious, but they like these little traditions, and so Colonel Waller loaned the knife to Doctor Gardner to carry to England. Then came the matter of a suitable whittling stick, and Major Parks, Assistant Director of Civilian Marksmanship, rose to the occasion. Leaving the





banquet, he returned with an army tent peg which he had brought with him from the Philippines, and had carried to various other parts of the world. This stick was placed in charge of the Team Adjutant, to be brought out at the proper moment in England.

At 10 p. m. the Team party boarded a special car for New York, the roll call being as follows: Doctor Gardner, J. C. Lippencott, W. Schweitzer, R. C. Pope, J. O. Miller, Merle Israelson, Mr. and Mrs. Carl Jackson, Charles Hamby, R. C. Berkheiser, Mr. and Mrs. Carl Frank, Harold Allyn, Willis Kenyon, John Wark, R. D. Triggs, Mr. and Mrs. R. H. McGarity, Mrs. S. M. Moore, and Mrs. Claire Thill and daughter, Virginia. General Reckord and "Bill" Shadel of The National Rifle Association accompanied the Team to New York. Upon arrival in New York the Team immediately boarded the Steamship *President Roosevelt*, where Mrs. Triggs, and Mrs. Schweitzer and daughter Joan, joined the party for the voyage. Many friends came on board to bid the Team goodbye and wish them well. Promptly at noon the ship cast off, and under a clear sky and in a calm sea this same vessel that carried the first Team in 1931, set out across the Atlantic. The voyage was thoroughly enjoyable, with the exception of one serious incident occurring on the second day out, when John Wark had the misfortune to break his trigger-finger. This placed him under a great handicap, but he was game, and fought his battle all the way, besides remaining the clown of the party.

We arrived at Southampton about 8 p. m. on July 29th. On the way up the English Channel the weather was bright and we were in sight of the English shore most of the day. About mid-afternoon we came upon the scene of maneuvers of a squadron of British warships, which afforded an opportunity to watch the drill of these mighty protectors of the seas, which ordinarily none but sailors ever witness.

Mr. Traies, representing the Society of Miniature Rifle Clubs, and Mr. Crump, of Remington, together with representatives of the U. S. Lines and the press, greeted us on board ship, presented us with the necessary gun licenses and permits, and accompanied us to London, where we arrived at 11 p. m. Here we were met by Mr. Pethard, Secretary of the S. M. R. C., Mr. Richardson, the British Team Captain, and other members of the shooting fraternity. In a few moments the party was on its way to the Regents Palace Hotel at Picadilly Circus, where we were very comfortably quartered during the entire stay in England.

Friday, Saturday, and Sunday were employed in caring

for necessary business matters, in sight-seeing, and in getting generally "acclimated."

The Ham and Petersham Rifle Club had, several months previous to our arrival, invited us to make full use of their range and club facilities during our stay in England, which invitation was gratefully accepted; and furthermore, this range was to be the scene of the battle for the Pershing Trophy.

It was decided to charter a bus to carry the Team each day from the hotel to the range, and back again. Accordingly at 1 p. m. on July 3d we had our first trip to the range. It took about forty-five minutes each way, but by shooting until 8 p. m. we had just time enough to go over the course twice each day, with a thirty-minute interval for tea about 4:30 p. m. Upon arrival at the range entrance we found that the bus could not make the sharp turn and clear the gate post, so the range officials immediately had the post removed for our convenience. Mr. R. W. Cressy, Club Secretary, and Mr. Martin, Club Treasurer, presented each member of our Team with a card showing full membership in the Ham and Petersham Rifle Club. Mr. John Lomax, Captain of the Club, had previously greeted us and started us on our way from the hotel. Our Team members soon learned to know Dick, the Range Warden, who was always present to grant our every request—and who serves the best tea and cakes in all London!

The range has a concrete firing point, over which is laid a long cocoa mat, a roof covering the entire firing line. This was something new for most of us, for sod is what is invariably used in the States. The weather this first day was windy and chilly, and the Team soon learned what to expect as to conditions. At the conclusion of the first day most of the boys were not so keen about concrete, or about the scores they had made that day in practice. The next day was the 4th of July, which of course was just another day in England, except at the American Embassy, where the Team was invited to an afternoon reception and tea; but all of this was passed up to get in that much-needed practice and seasoning. This same procedure of afternoon and evening practice was followed throughout the week until Saturday, when the S. M. R. C. matches commenced, and on that day each man fired without coaching on practice cards. During the week, every day was quite windy and cold, with an occasional shower, so that the Team practice scores were for the most part uncommonly low, and on the surface the outlook was not so promising. On Saturday evening, July 8th, the

date originally set for the firing of the Pershing Trophy Match, a 6-man-team match was fired for the handsome "400 Club" team trophy recently presented by Mr. Harry Lane, of Great Britain. Nine members of the American Team are members of the 400 Club, so it was suggested by the 400 Club of Great Britain that the scores shot in the Pershing Trophy Match be counted for the six designated men as the scores to count in the 400 Club Match. To this Doctor Gardner did not agree, and after being assured that from the members of the British Team to be sent to America in 1940 a 6-man team would be selected to fire shoulder-to-shoulder with the American Team at Camp Perry next year, the American Team, after due consideration, proposed that the team match for the new trophy be shot at 6:30 p. m. on Saturday, which proposal was accepted. Accordingly the two teams assembled at the appointed time, and commenced the match in a rain and tricky wind. Before the completion of the match, however, the shower had passed and a beautiful rainbow appeared as a good omen for the morrow. Due to weather conditions, the scores made in this match were not very high, but when the final scores were posted they showed the American Team to be the victor by a 2-point margin—that same two points that had separated both the 1931 and 1937 Pershing Trophy Teams, but this time the two points had changed sides, and the new trophy was on its way to America.

The details of the scores are as follows:

U. S. Team	50 Yd.	100 Yd.	Total
Israelson	192	196	388
Hamby	197	193	390
Frank	199	194	393
Wark	192	190	382
Triggs	200	197	397
Schweitzer	199	199	398
Total	1179	1169	2348
British Team	50 Yd.	100 Yd.	Total
T. Walker	195	192	387
R. E. Allen	198	192	390
J. Nicoll	195	195	390
W. V. Knight	199	196	395
A. V. Staniforth	196	195	391
C. C. Sonley	198	195	393
Total	1181	1165	2346

All of the members of both teams went on the line at the same time, and when the first string at 50 yards was scored the British were leading by 6 points; but in the second string at 50 yards they went down 4 points, so that they were 2 points up when the Team moved to 100 yards. The first string at 100 yards resulted in a tie with 14 points down for each side, but on the last string at 100 yards the British went down 19 points while the American team lost 15, thus overcoming the 2-point lead carried from the 50-yard stage and leaving 2 points to the good. It was a fine match, and well indicates that a shooter capable of turning in a 400 score in a registered tournament is a tough man to beat, regardless of what side of the Atlantic he may live on. The

coaches for this match on the American Team were Lippencott, Kenyon, Miller, Gardner, Pope, and Berkheiser, with McGarity in charge of targets.

This win, even though by a narrow margin, instilled a determination in the hearts of the American Team to do even better the next day when the big Match was to be fired, and the Team returned to the hotel that night in a changed mood.

The range at Ham and Petersham has a thick hedge along the right side of the 50-yard line, extending 25 yards from the butts toward the firing point, while back of the targets is a high bulkhead. On the left of the range is a row of large trees extending all the way from the firing point to the butts. These surroundings sometimes created quite different conditions on both sides of the range as compared with the center, which were invariably reflected in the scores of the men who were assigned these end positions when the wind was strong. Due to the fact that England lies much farther north than any portion of the United States, it is quite possible to have light sufficiently strong for shooting during midsummer up to 9:30 p. m., on clear days, and at Ham and Petersham the light is normally at its best after 4:30 p. m. For this reason the final time selected for commencing the big Match was set at 4:30 p. m. on Sunday, July 9th, and there was no other match firing on the range that day.

Sunday dawned amid bright sunshine, and at 12:30 p. m. our bus arrived, and the entire party, including the ladies, made the trip to the range. At 2 p. m. the range was opened for practice if desired by any members of either team. At 2:30 p. m. the official photographs were taken of both teams, individually and collectively, and the team medals presented. Up to this time the American Team members who were to fire in the Match had not been announced, but just before time to go on the line this was posted. It had been agreed upon by the two team captains that the targets were to be scored by the official scrutineer of the S. M. R. C., and then finally passed upon by a committee consisting of one man from each side, and a third man selected by these two. The duty of this committee was to pass upon any questionable shots, etc., and their decision was to be final. Mr. W. V. Knight was nominated by the British, R. H. McGarity by the Americans, and Mr. John Lomax, the Captain of Ham and Petersham Rifle Club, was selected as the third member;





but in order to expedite the posting of scores made by each relay, it was agreed just before beginning the Match that Mr. Tucknot, the official scrutineer, would score the targets and pass them along to McGarity for examination and challenge, and should there be a challenge then the committee would be called in for final decision. It so happened that no challenges were forthcoming, and the results were in every case posted on the big board within a few minutes after the last shot of each string had been fired.

There was a large and colorful gathering of spectators behind the lines when the teams took their places to commence firing at 4:30, but all were kept well back, that there might be no interference with the men on the line. Just before going on the line Mrs. McGarity touched each of the American Team shooters with her ring set with thirteen stones. Mrs. Moore, who at the age of 71 accompanied the Team to England, gave them her blessing, and the others of the party said a final word of encouragement; then the Team Adjutant produced the new Whittling Stick, and the Team Captain got out the famous knife and started to work. The members of the British Team each wore a sprig of white heather from Scotland, to give them luck. After the match John Lomax jokingly told the spectators that we should have kept our women in America, for they had helped to bring defeat upon the British Team. When the Match was begun the light was good, but the wind was quite strong and gusty. As the Match progressed the sky became overcast, and the wind blew with varying degrees of intensity, which gave considerable trouble for the men in the detail which happened to be firing when the changes came. At one time, along about the middle of the Match, the clouds gathered thick and it appeared as if a thunder storm were about to break, but it passed by.

It was agreed upon that the Match should be fired in three relays, primarily because of shortage of personnel to coach the American Team, though also in order to avoid crowding on the firing line. The first relay to take position on the line was as follows:

For the U. S.:

Allyn on target No. 50, coached by Schweitzer; Pope on target No. 52, coached by Hamby; Kenyon on target No. 54, coached by Triggs.

For the British:

G. A. Jones on target No. 42, R. E. Wood on target No. 44, and H. W. Johnson on target No. 46.

The results of the first string at 50 yards gave the United States Team a lead of 4 points, which they increased to 7 points on the second string. This was indeed encouraging to us.

The second relay was made up, for the United States Team, as follows:

Hamby on target No. 42, coached by Lippencott; Berkheiser on target No. 44, coached by Israelson; Triggs on target No. 46, coached by Schweitzer.

For the British:

A. V. Bugler on target No. 50, R. H. Johnson on target No. 52, and W. Bliss on target No. 54.

The first string of this relay resulted in a tie, with 3 points down for each side, but on the second string the United States Team picked up 3 points, thus increasing their lead to 10 points.

On the third relay the Americans and British were alternated on the line as follows:

For the United States:

Schweitzer on target No. 46, coached by Triggs; Israelson on target No. 48, coached by Berkheiser; Frank on target No. 54, coached by Wark; Miller on target No. 56, coached by Lippencott.

For the British:

T. J. Knight on target No. 42, J. Hall on target No. 44, I. Booth on target No. 50, and G. S. Morse on target No. 52.

The first string for this relay gave the British a 1-point margin, but the second string showed 2 points up for the Americans, and gave them an 11-point lead at the end of the 50-yard stage. This was a real encouragement, for in both 1931 and 1937 the United States Team had been the low team at this stage—by 7 points in 1931 and 3 points in 1937.

As soon as the first relay had finished at 50 yards they moved over to 100 yards. For the United States Team Allyn was on target 83, Pope on target 86, and Kenyon on target 89.

For the British G. A. Jones was on target No. 71, R. E. Wood on No. 74, and H. W. Johnson on No. 77. When the first string at this range was scored, the results showed a gain of 6 more points for the United States Team, but on the second string they lost one point of their margin.

The second relay at 100 yards drew for the United States Team: Hamby on target 71, Berkheiser on target 74, and Triggs on target 77. For the British: A. V. Bugler on target 83, R. H. Johnson on target 86, and W. Bliss on 89. The first string in this relay resulted in the greatest gain for the United States Team, when they shot with only 3 points down, while the British lost 13 points; so that at this time the United States Team had a lead of 26 points. But the British made a gallant fight for it in spite of the great handicap, and on the second string picked up 5 points.

The third relay at 100 yards was: Schweitzer on 76, Israelson on 78, Frank on 88, and Miller on 90—at the extreme left end of the line, and the toughest spot to shoot in. The British Team was now firing with T. J. Knight on target 70, J. Hall on 72, I. Booth on 82, and F. S. Morse on 84. Here, again, in the first relay the British picked up 2 points, but they were not gaining ground fast enough, and when the targets came in for the final string showing that each side had dropped 10 points on their last targets, the match was over and the American Team had won their first Pershing Trophy victory by a margin of 19 points. They had outshot the British Team by 11 points at the 50-yard stage, and 8 points at the 100-yard stage.

Needless to say, there was great rejoicing in the American camp, but the British Team Captain, Mr. Richardson, in true British fashion, was the first to offer Doctor Gardner his hand in congratulation, and to serve notice on him that he hoped to be in America in 1940 to try to win the trophy back. May nothing arise to postpone that visit.

Upon the conclusion of the Match, Sir Charles Walker, K.C.B., Chairman of the S. M. R. C., presented the trophy to Doctor Gardner. Both team captains addressed the gallery over the public address system, and John Lomax, in his pleasing manner, acted as Master of Ceremonies. The results of the Match were hurriedly cabled to America, arrangements for this cable having been previously made by Mr. Bartolatti of the Western Union Telegraph Company. It had been hoped that an international broadcast of the last quarter-hour of the Match could be arranged, but the law in England against broadcasting sporting events on the Sabbath prevented this.

After the presentation, the American party all assembled in the marquee that had been allotted to us, where victory was celebrated with a few of our close friends in true American style. About 8:30 p. m. the party boarded the bus for London, and the big show was over.



Thirteen of the Team members entered six of the individual matches, which they fired on Monday and Tuesday on the same range and some of them shot fine scores.

It is interesting to note that the United States Team made 10 possibles at 50 yards, while the British Team made 5, but at the 100-yard stage each team made only 3 possibles. F. S. Morse of the British Team had a clean score up to the last target at 100 yards, but there he lost 4 points after having made a 10X possible on his first 100-yard target. The Johnsons on the British Team represented a father-and-son combination, which is an innovation for this match.

The old war-horse, Bill Schweitzer, was high man all the way for the United States Team, making 398 in both the Pershing Trophy Match and the 400 Club Match. Also, he was only 4 points down in the aggregate of the individual matches.

All members of the Team except Schweitzer sailed from Southampton at 1:30 a. m. July 14th, on the Steamship *Manhattan*, arriving in New York at 8 a. m. on July 20th, where we were met by General Reckord. The voyage home was quite smooth and without special incident, except that on July 19th the United States Lines had a special dinner prepared in honor of the victorious U. S. Team, and priority in landing was granted to the Team upon arrival in New York.

After clearing customs and disposing of baggage, the Team was given a luncheon at the Pennsylvania Hotel, following which all members of the party went to the World's Fair, where a special reception and entertainment was held at the Academy of Sports at 2:30 p. m. Upon this occasion a select detachment of 100 Infantrymen, and a fine 40-piece Coast Artillery band, all under the command of Colonel Parker, paraded into the sports arena in honor of

the returning victorious riflemen. The band played a group of appropriate numbers while General Reckord and the Team took places on the stage.

Mr. Christy Walsh, Director of Academy of Sports and Master of Ceremonies, introduced General Reckord, who gave a short talk welcoming the Team home, congratulating them upon their fine victory, and explaining to the audience the significance of international rifle competition and the Pershing Trophy. He then introduced Doctor Gardner, who touched upon the highlights of the competition, and then introduced each member of the Team. Then he formally presented the trophy to General Reckord, who, after due acknowledgement, turned it over to Mr. Walsh for display in the Academy of Sports for the duration of the Fair. This impressive ceremony concluded with the playing of The Star Spangled Banner, after which the Team officially disbanded, the members returning to their respective homes.

It is needless to say that this Pershing Trophy Team of 1939 was a very good Team, and the riflemen of America should know that every member of it cooperated 100% at all times, and made friends wherever they met the sportsmen of Great Britain. Their performance and fine sportsmanship have added another truly important page in the annals of rifle shooting in America, and set a standard for all future international teams that may leave our shores.

When the British Team arrives in America in 1940, our sportsmen must spare no pains in an effort to show their appreciation of the many favors, honors, and kindnesses bestowed upon our teams in the years 1931, 1937, and 1939. And may the existing close relationship between ourselves and the British never be broken—or even marred—in the generations to come!

#### Equipment Used in Pershing Trophy Team Match

	Rifle Barrel	Action	Front Sight	Rear Sight	Ammunition	Spotting Scope	50 Yd.	50 Yd.	100 Yd.	100 Yd.	Total
Schweitzer.....	Johnson	Win. 52	Sam.	Moore	Win.	Unertl	100	100	99	99	398
Triggs.....	Win. 52	Win. 52	Sam.	Moore	K. B.	B & L	99	100	99	98	396
Miller.....	Rem. 37	Rem.	Rem.	Rem.	K. B.	B & L	99	99	97	97	392
Israelson.....	Win. 52	Win.	Vaver	Lyman	Supermatch	B & L	99	100	98	95	392
Pope.....	Dubiel	Win.	Vaver	Marble Goss	Peters	B & L	100	99	99	99	397
Allyn.....	Titherington	Ballard	Vaver	Vaver	Targetmaster	Fecker	99	100	97	99	395
Frank.....	Rem. 37	Rem.	Rem.	Rem.	Pet.	B & L	98	100	100	99	397
Hamby.....	Rem. 37	Rem.	Rem.	Rem.	K. B.	B & L	98	100	100	96	394
Jackson.....	Win. 52	Win.	Vaver	Vaver	Pet.	B & L					
Alternate											
Wark.....	Johnson	Martini	Vaver	Wark	K. B.	B & L					
Alternate											
Berkheiser.....	Johnson	Win.	Vaver	Marble Goss	K. B.	B & L	100	99	98	95	392
Kenyon.....	Win. 52	Win.	Lyman	Marble	Win.	B & L	99	100	100	98	397

British	Rifle	Ammunition	50 Yd.	50 Yd.	100 Yd.	100 Yd.	Total
W. Bliss.....	B. S. A.	Palma	98	99	97	98	392
I. Booth.....	Vickers	Palma	100	99	97	99	395
A. V. Bugler.....	Win. 52	Palma	99	99	94	98	390
J. Hall.....	B. S. A.	I. C. I.	98	100	100	96	394
H. W. Johnson.....	Vickers	Palma	98	98	96	100	392
R. H. Johnson.....	Vickers	Palma	100	98	96	98	392
G. A. Jones.....	Vickers	Win.	98	99	99	99	395
T. J. Knight.....	Vickers	Palma	99	98	99	99	395
F. S. Morse.....	Finnish	Win.	100	100	100	96	396
R. E. Wood.....	Vickers	Palma	98	99	95	98	390

Below are given the standings of the members of the American Pershing Trophy Team in the Individual Matches at Ham and Petersham

#### No. 1. Wesley Richards Challenge Cup.

(30 shots at 50 yards)

1. C. Frank (The Cup and 32 s.).....	300
2. R. D. Triggs (32 s.).....	300
W. P. Schweitzer (32 s.).....	300
7. C. Hamby (9 s.).....	299

#### No. 2. The B. S. A. Competition.

(30 shots at 100 yards)

1. W. E. Kenyon (50 s.).....	300
3. R. C. Pope (17 s. 6 d.).....	298

W. P. Schweitzer (17 s. 6 d.).....	298
C. Frank (17 s. 6 d.).....	298
J. C. Lippencott (17 s. 6 d.).....	298
11. R. D. Triggs (7 s. 6 d.).....	297

#### No. 3. The Parbury.

(40 shots—20 at 50 yards and 20 at 100 yards)

1. H. Allyn (canteen of cutlery, value \$5. 5 s.).....	400
4. R. C. Pope (14 s.).....	398
W. P. Schweitzer (14 s.).....	398
C. Frank (14 s.).....	398

(Continued on page 33)

# TAKE ALONG YOUR .22

By L. B. HARDWICK

BY ALL ODDS the most cherished weapon in my entire Arsenal is a .22 caliber automatic Colt "Woodsmen" pistol. On any day's hunt I find it indispensable and I would no more be without it than I would my compass, match safe or hunting knife.

This handy firearm is chambered exclusively for .22 long rifle and anyone who doubts that this little cartridge is a real game-getter is woefully ignorant. I have killed many varieties of game with this pistol. Worn in an open holster on your belt it constitutes no appreciable burden on the most arduous hunt and it is truly amazing the number of times it comes into play in any ordinary day. A partridge feeding along the side of the tote road, a "porky" in the crotch of a big hemlock, an owl in the branches of a beech tree, or a hawk perched high on some old stub are only a few of the many reasons when there is occasion to reach for it.

In this northern section of Maine of which I write (Northern Aroostook County) in any normal year partridge are extremely plentiful and unafraid. It is just as ridiculous to hunt them with a shotgun as it is to play ping pong with a tennis racket. Even the smallest gauge guns like the .410 or 28 are superfluous. There is no great thrill attached to perforating a partridge with a handful of bird shot when a neatly placed bullet in the head or neck will prove equally effective and infinitely more satisfying. Furthermore the camp cook and anyone who has ever chewed a bit of shot will appreciate your choice of weapons. Many a sportsman after his first day in camp has refused to use his shotgun or, in the absence of a small side arm or a .22 rifle, has promised himself to use his shotgun on only such birds as may flush. However, we are all human and a big drummer on an old pine stump is a temptation that even the strongest minded may succumb to; so play it safe and forget that shotgun on your next hunting trip. You may not kill as many birds but you will derive real sport from those you do kill and unless you are the veriest dub you should encounter no difficulty in securing all to which you are legally entitled.

It's a smart thing to be thrifty in these hard times and the frequent practice of trying to cut a partridge's head off with a high powered rifle is apt to prove an expensive pastime for the mediocre marksman. Moreover, on such occasions when you shoot too low the poor bird is merely blown to atoms and that's more expensive than a clean miss. The .22 solves both problems and, in addition, it does not unduly alarm big game which may be your real objective.

On any hunting trip there is bound to be a day when the weather conditions preclude an all day's hunt. Target practice in the camp yard is the general rule on such occasions and once again the little .22 comes into its own. It is no great extravagance to shoot away one or two boxes of .22 ammunition, but the larger calibers are something else again and it is only natural for one to think twice before indulging in target practice to any great extent.

For that boy of yours whom you may contemplate bringing along with you into the woods on your next trip there is no better weapon in the world to break him in on than the single shot "twenty-two." Partridge along the trails and tote roads, a fox hunting for mice in some old barn, a raccoon after frogs in the grass along the river, a woodchuck in the camp yard garden all offer variety of sport

that your youngster will delight in. Not only will it teach the young idea how to shoot and foster in him a love of the great outdoors, but still more important, it will engender in him at a tender age a proper respect for the big caliber, high-powered rifle against the time when he is responsible enough to carry one.

Again it may be your wife or daughter who will accompany you on this year's hunting trip and once more the .22 will prove its worth. At such times as you are gone all day in quest of deer and bear the women can use the .22 to good advantage in the near vicinity of camp or along the tote roads. Women enjoy a .22 as there is neither recoil nor concussion and many become very adept with it in a surprisingly short time. At the same time I do not mean to imply that the .22 is primarily designed for boys and women. On the contrary; it is every inch a man's weapon, but so great is its versatility that it can be profitably enjoyed by every member of the family. It's a wise man indeed that teaches his wife to shoot and encourages an interest in hunting as she will be a great deal more apt to extend a sympathetic understanding on such occasions as he may want to join his men friends on an extended hunting trip.

Another important function of the small side arm is in the quick and humane dispatch of a big game trophy that, although mortally wounded by a bullet from your big rifle, still has a kick or two left when you come up to it. I have seen all too many splendid heads ruined for the taxidermist because the sportsman through sheer ignorance had cut a deer's throat, either to end its death agonies or from a mistaken conception that the meat should be properly bled. How much better a quick shot behind the ear with your .22 pistol, ending all suffering and keeping your trophy intact. A deer properly dressed off after it has been shot is a deer properly bled, and all this hokum of throat cutting should be relegated to the dark and unenlightened ages where it justly belongs.

Nor is it by any means necessary to await the arrival of the annual hunting season before you unlimber your small arms. Predators enjoy no closed seasons and offer worthwhile targets the year around. Not only will you improve your marksmanship in sniping at crows, hawks, owls and other marauders, but at the same time you will render a distinct service to your brother sportsmen in assisting in this necessary vermin control.

On all fishing trips I make it a constant practice to carry a twenty-two repeater in the bottom of my canoe and frequently surprise a big blue heron in the very act of stripping a spawning bed of unsuspecting trout. A big snapping turtle sunning himself on the river bank is the next victim and no cartridge was ever used in a more worthy cause as snapping turtles ruin more good pools in a single season than any other breed of fish hog. Twice I have caught wild cats sneaking through the tall grass to prey upon a tiny fawn left by the mother doe in a clump of alders on the river bank, and what started out as a mere fishing trip became a red letter day, thanks to the little .22.

These are only a few of the numerous reasons why the inclusion of some type of .22 firearm will add pleasure to your next trip to the big woods. You'll find your .22 as full of enjoyment and as companionable as your favorite pipe—so add it to your camping list today.

# REGIONAL TOURNAMENTS

## Southeastern Regional Small Bore Championships

IN THE COZY, friendly atmosphere of a trim little 25 target range nestled in a woods-framed swale at Ft. McPherson, the Southeastern Regional Small Bore Championships were fired on Saturday and Sunday July 29 and 30th. It was a friendly, leisurely shoot where the few in attendance had a grand time and the old-timers took a sincere interest in the performance of the less experienced shooters who made up a considerable portion of each relay.

Numerous explanations were offered for the small attendance—heat, harvest activities, lack of advance publicity—all of which may have had something to do with it. Whatever the reasons advanced it is nevertheless difficult to understand why Florida, which each Winter receives the support of shooters from New England to Texas in the "National Midwinter," had only one shooter supporting the Southeast's own Regional Championship. Or why Kannapolis with its active club sponsoring the original Registered Tournament in the southeast should have failed to send even one representative to Ft. McPherson. Earlier dates, consolidation of tournaments and classification of all events (instead of only the Aggregate) will no doubt vastly improve attendance in 1940 as there is unquestionably too much underlying interest among the southeastern clubs for them to sit idly by and see their Southeastern Regional Championship discontinued for lack of support.

Erwin Menzen and Ken Recker were the only two present whose records had made them eligible to try-out for places on the Pershing Team. They re-affirmed their rankings by battling it out for the Regional Championship through two days of firing. Recker's 397 in the first match of the Aggregate, the 50-Yards Metallic Sight event, was good for only fifth place but it gave him a one point lead over Menzen in eighth place. Three old-timers rated now in the Expert Class, Van Sleen, "Bill" Bryan and Amos Browning took the first three places in this match while the only Sharpshooter present, Raymond Strickland of Birmingham, grabbed the fourth spot.

In the second event, Dewar Course Any Sights, Menzen pulled up on even terms with Recker by winning with a 399 against Recker's second place total of 398. Van Sleen, third with 397, remained one up on the Regional Aggregate.

The third "leg", 100-Yards Any Sights, shuffled the deck once more, Recker pulling away with a winning 399 against Menzen's sixth place 395 and Van Sleen's tenth place 394.

Recker kept the heat on in the 50-Yards Any Sights to win with 400-32x. Carl Jackson was one x behind and Menzen third with 400-30x. Van Sleen dropped back two points to finish thirteenth with a 398-30x. Half way through the Regional Aggregate Recker held 1594, Menzen 1590 and Van Sleen 1590.

A radical upset occurred in the next match, 50-Meters Metallic Sights. Van Sleen came back to win 397 x 400. Menzen dropped to fifth with 395 and Recker dropped to eighteenth place with a heartbreaking 389. Aggregate—Van Sleen 1987, Menzen 1985, Recker 1983.

A wisp of a woman, Mrs. Catherine Symmes, (pronounce it "Simms" when you meet her at Perry) out-classed the field in the 100-Yards Metallic Sight match with a 399-19x. Menzen, in second place with 396 gained a point on Van Sleen, third with 395. Recker, still floundering, dropped further back with 391.

Then another spin of Fortune's Wheel and in the 50 Meters Any Sight Recker on top in a nasty pre-thunderstorm flurry of wind, rain and changing light with 391, Van Sleen in seventh place with 387 and Menzen tenth with 386. So with one match left to go the Aggregate stood—Van Sleen 2767, Menzen 2767, Recker 2765.

The Dewar Course, Metallic Sights, will probably always be viewed by the American Small Bore rifleman as the test of real small bore skill. It was in this event that Van Sleen was overtaken by the jinx which had laid its clammy hand on Recker in the Metallic Sights 50 Meter and on Menzen in the Any Sights 50-Meter. Menzen with 399 won the Dewar Course event and sealed his victory in the Regional Aggregate. Recker, with a great 200 x 200 at 100 yards finished second with 398. Van Sleen, finding the going rough all the way, finished tenth with 389. It was enough to win him the Regional Expert Championship over the consistent shooting mother and son combination, John and Catherine Symmes (who finished second and third in their class).

### THE BOX SCORE

Rank	Name	50 yds. Mtd.	Dewar Any	100 yds. Any	50 yds. Any	50 M. Mtd.	100 yds. Mtd.	50 M. Any	Dewar Mtd.	Total
<b>MASTERS</b>										
1.	Erwin P. Menzen	396	399	395	400	395	396	386	399	3166
2.	Kenneth Recker	397	398	399	400	389	391	391	398	3163
3.	Luther R. Gower	395	392	394	400	397	390	390	397	3155
4.	E. E. Sellers	391	393	393	399	393	385	383	389	3126
<b>EXPERTS</b>										
1.	H. M. Van Sleen	399	397	394	398	397	395	387	389	3156
2.	John C. Symmes	395	396	396	399	392	394	388	394	3154
3.	Catherine Symmes	397	388	390	400	394	399	389	393	3150
4.	Dr. Wm. Winston	397	388	389	400	392	387	385	388	3136
5.	William Bryan	399	395	395	397	392	392	387	386	3133
6.	Frank H. Brown	393	395	393	399	394	383	384	390	3131
7.	Fred M. Molt	395	390	393	398	394	384	380	396	3130
8.	Amos J. Browning	397	391	395	400	396	390	376	383	3128
9.	J. Ridley Reynolds	396	385	386	394	389	384	379	383	3116
10.	L. R. Shiflett	393	393	390	399	381	390	375	377	3098
11.	Paul Robertson	387	392	393	398	390	369	380	386	3005
<b>SHARPSHOOTER</b>										
1.	R. E. Strickland	397	396	395	395	389	391	383	396	3142
<b>TYRO</b>										
1.	Wm. J. Cooper	393	389	389	392	379	384	388	380	3104

## Southeastern Regional Pistol Championships

THE RANGE on which the Southeastern Regional Pistol Championships were fired lacks nothing but an automatic group-tightener to make it the pistolers' paradise. Here is a range built entirely by a civilian club without benefit of subsidy from any alphabet agency which includes (a) "walking targets." Competitors, scorers, range officers never leave the shade of the firing points. The targets do the moving back and forth from firing point to 25 or 50 yard range. (b) completely covered firing line with comfortable benches behind the line. (c) targets automatically controlled from the central, covered range officer's stand "facing and edging" under the positive but non-slammng pressure of compressed air. (d) loudspeakers, cut on or off at the will of the Chief Range Officer, which will call laggards out of the club house or auto parking space as well as control the firing line. (e) a shady club house complete with kitchen, living room, dining room, statistical office and wide porches. (f) toilet facilities which are both sanitary and modern. (g) a range completely surrounded by palm trees and completely covered with grass. (h) a spirit of friendly hospitality which makes the tyro feel welcome and the stranger feel at home.



Whenever the goddess of fortune smiles on you and makes possible a trip to Miami look up the Palmetto Pistol Club at Coral Gables. Rifleman or pistolman, this club will be an inspiration to you.

Unexpected demands on some of the municipal and federal law enforcement agencies in Florida resulted in a lower-than expected entry in the individual events although the total registration for the three day period totalled seventy.

The round, ruddy and genial countenance of the Perambulating Pistoleer, Al Hemming, of the Detroit Hemmings, blew in by air to add zest to the competition and altitude to the scores. We doubt if the lads in Florida and Savannah, developing now into real top-flight competitors, realize how much of their improvement is due to the terrific pace that has been set for them by their Los Angeles and Detroit visitors. It is as true of pistol shooting as of any other sport that champions are developed only by championship competition and the good-natured gents from Los Angeles and Detroit have furnished plenty of "pressure" for the southeastern pistoleers to train under.

The benefits derived from such training were much in evidence at Coral Gables. Al captured the aggregates and the first match—.22 slow-fire, with a spanking 192, but Pat Baldwin of Miami and Ralph Kirk of Tampa both topped him in the .22 timed-fire event with 198's against Al's 197. In the third event, .22 rapid-fire, Stanton and Kirk of Miami with 196's were only one point behind the Detroiters.

In the .22 National Match Course there was a battle royal. Sgt. E. D. Alexander of Savannah turned in a fine 95 while "Bill" Davis of the U. S. Customs Border Patrol and Lieutenant G. E. Baldwin of Miami got away with 94's at 50 yards. Hemming, Pat Baldwin, "Smitty" Brown and Jack Howard were locked-up with 92 each. At the timed fire stage Alexander and Howard slipped with 94 and 95 respectively. Lieutenant Baldwin went into the lead with a 99—one up on Davis. Hemming slipped into third place with 99—two up on Brown. At the rapid fire stage Hemming's 100 was enough to tie and outrank Davis when the latter dropped one point for a 99. Pat Baldwin went into third place with a 98 and G. E. Baldwin saw a 96 drop him into fourth place. Brown with a 99 was one point and one place back.

In the center-fire slow- and timed-fire events, Al, shooting a .38, found the going not quite so tough. His 185 was three points up on G. E. Baldwin at slow-fire and an equal distance ahead of Davis at timed fire. In the rapid fire event "Smitty" Brown with 195, the old timer, Wilzewski, once of the Cavalry but now in the Air Corps, with 194 and Ralph Kirk with 193 all finished ahead of Hemming and Pat Baldwin tied him but was outranked with 192.

Again in the center-fire National Match Course Pat Baldwin took the measure of the genial Al, finishing with a 287 against Hemming's 284. Kirk let a 90 at rapid-fire drop him into third place with 283.

A sparkling performance was turned in by Marie Canfield in the Women's Match at 25 yards slow-fire when she turned in 197 with a .38.

It was Kirk and Wilzewski again in the .45 slow-fire with 173 and 172 respectively. Hemming was sixth. In the .45 timed-fire Hemming eked out a 194 to 192 victory over R. G. Stiles, one of the civilian members of the host club. In the .45 rapid-fire "Bill" Davis finally got a break and outranked Hemming for first place, both having 190's. Over the National Match Course young Kirk again led the field with a 282, two points ahead of Hemming, with Smitty Brown nearly overtaking him with a roaring 97 rapid and a 279 total.

There were other matches—womens doubles, mixed

doubles and a 4-man team event won by Miami Police, but space limitations prohibit more details. "Pat" Baldwin won the Regional "Masters" trip to Perry and "Smitty" Brown took the "Experts."

It was a grand match albeit small and we repeat "Till you see the Palmetto Pistol Club's range you ain't seen nothin."

#### THE BOX SCORE

Rank	Name	Score	Rank	Name	Score
<b>MASTERS</b>					
1.	A. W. Hemming	1737	4.	W. J. Davis	1693
2.	Pat Baldwin	1707	5.	C. D. Stanton	1688
3.	Ralph Kirk	1703	6.	R. Wilzewski	1686
<b>EXPERTS</b>					
1.	C. A. Brown	1699	4.	E. L. Hamlin	1656
2.	G. E. Baldwin	1682	5.	Thomas Perez	1623
3.	J. H. Collins	1660	6.	F. J. Neff	1605
<b>SHARPSHOOTERS</b>					
1.	Jack Howard	1623	3.	Robert J. Sutton	1605
2.	W. D. Joiner	1609			
<b>MARKSMEN</b>					
1.	J. W. Thomas	1625	4.	George Gorham	1525
2.	A. M. Acosta	1611	5.	R. K. Rand	1484
3.	E. P. Clark	1554			

#### New England Regional Small Bore Championships

WHEN THE SMOKE cleared away (and there was plenty of smoke) on the temporary small bore range at Fort Devens, Massachusetts, two more names had been added to the growing list of Regional Winners who will shoot for the National Championship at Camp Perry this month. Popular Bill Breuler of New Haven, Connecticut, had outranked the ever-present Ned Moor of Detroit for first honors in the Master Class by virtue of one solitary point. Although Moor, as a non-resident of the region, was not eligible for the free trip to the National Matches, the battle for first place medal was not over until the last shot was scored.

The results in the Expert Class tell an almost identical story. Here, however, Lawrence Moore of Gilman, Vermont, increased the safety margin to three points, having that narrow edge over his nearest rival, John Cavanaugh of Westfield, Massachusetts.

The Regional Tournament was held in conjunction with the already well-established Bay State Association Championships. This year the officers of that association decided to change the site of the matches to Fort Devens where they were assured of an excellent small bore set-up. However, at the last minute, the military authorities condemned the range as unsafe. Acting on the suggestions of Captain Howard, a good friend if small bore shooters ever had one, permission to use the two-hundred-yard .30 caliber range was obtained. After officials worked furiously to construct temporary frames and convert this range to one suitable for small bore matches the tournament was held on the dates already set. Too much credit for this work cannot be given since even at the last minute it was necessary to burn off the high grass which was obscuring the lower bull's-eyes of the long tournament type target. Add to these inconveniences the fact that this temporary range was located some three miles from the main camp and a possible explanation for the meager attendance has been found. In spite of these conditions forty-seven New Englanders hotly contested the leaders in every match.

The story of the matches may almost be summed up by the following: Saturday, July 22—Bill Breuler Day; Sunday, July 23—Fred Kuhn Day. Breuler won firsts in the 50-meter metallic sight and the 100-yard any sight matches, second in the 50-yard metallic sight event, and



third in the Dewar Championship. On the next day Kuhn won first in the 50-yard any sight, the any sight Dewar, the 100-yard metallic sight and the 200-yard match. In addition to these first Kuhn started his winning spree in the Swiss Match the last event on Saturday. His fifty-five hits left all other competitors trailing far behind, second place being won with twenty-eight. Kuhn's fine shooting won him the Massachusetts Small Bore Championship Trophy Aggregate but the consistent piling up of seconds and thirds by Ned Moor and Dave Carlson, the latter the third ranking Master, pushed him down into the fourth place in the Regional results.

The only other shooter to take a first place away from the four high Masters was that other collector of medals from New Haven, Elsie Hellwig, who competently represented her sex in the upper brackets of the bulletins.

With all events divided into two classes the honors in Class B were fairly evenly divided between Roland Lareau, Perley Watts, Edward Cushing, George Goodhue, and Levi Taft. With awards in this class identical with those issued in Class A and with the Expert, Sharpshooter, and Marksman awards in the Regional Aggregate Mr. Average Shooter was well taken care of.

#### THE BOX SCORE

Rank	Name	Score	Rank	Name	Score
<b>MASTERS</b>					
1.	William Breuler	3177	4.	Fred Kuhn	3169
2.	E. N. Moor	3176	5.	Jack Lacy	3155
3.	Dave Carlson	3170	6.	Harmon Sheldon	3139
	7. S. Stevens	3121			
<b>EXPERTS</b>					
1.	L. Moore	3149	6.	J. Crowley	3127
2.	J. Cavanaugh	3146	7.	H. Shattuck	3104
3.	L. Conant	3137	8.	M. Rose	3102
4.	D. Mathewson	3137	9.	A. Preneau	3095
5.	E. Hellwig	3133	10.	F. Taylor, Jr.	3034
<b>SHARPSHOOTERS</b>					
1.	P. Watts	3146	4.	G. Goodhue	3112
2.	E. Cushing	3140	5.	W. Cooper	3090
3.	L. Taft	3124	6.	L. Burney	3035
<b>MARKSMEN</b>					
1.	C. Stockwell	3110	2.	E. Walen	3086
	3. P. Stark	2682			

#### New England Regional Pistol Championships

NEW ENGLAND'S Regional Tournament for the boys who enjoy slinging lead with handguns is but a memory. Combined with the fifth annual Maine State Pistol Tournament, the shoot was staged on a new range adjoining the Maine State rifle range at Auburn, Maine. The dates—July 22 and 23, Saturday and Sunday. When the first call came for "Competitors on the firing line, first relay, match number 1" the statistical office had signed up a total of 65 shooters.

The new pistol range, constructed by the Maine State Association to handle the long list of competitors, has a line of thirty-six targets, all available for both 50- and 25-yard shooting. The shooting conditions were ideal throughout the duration of the two-day matches.

Volunteer range officers contributed much to the success of the tournament. Some of these boys shot in the matches after working hard on the line and without their excellent cooperation the matches could not have been a success.

A word about the scores: Visitor Al Hemming, Detroit police pistoleer, very nearly cleaned up the competition, as might have been expected. Fourteen first places fell before the onslaught of his six-guns, which didn't leave many gold medals for anyone else. However, not being a New Englander, Hemming's winning streak offered no competition for the coveted free Camp Perry trip awarded

the high gun in the regional aggregate. Scrapping for second place in every event were two Coast Guardsmen, M. O. Wilson and Paul Goulden, and between the two, other shooters had little or no chance for a medal higher than fourth place. The regional aggregate was captured by Goulden, whose aggregate total of 1689 ranked second to Hemming's 1731. Wilson did not enter the big aggregate. Wilfred Sirois led the Experts with a 1660 tally, only six points ahead of his nearest competitor, though ample to clinch for himself the Expert Class regional championship and the chance to represent his classification at Perry.

Excellent representation among the competitors was registered by the U. S. Coast Guard, Massachusetts and Maine State Police, and Maine and New Hampshire Fish & Game Wardens. The nineteen scheduled matches were run off with such precision that ample time was left for two special matches to complete the firing on Sunday at 5 p.m.

It was a successful shoot. Good weather enabled reasonably high scores. The slight breeze did not seriously bother the shooters during the final stages. Plenty of shade and woods near the firing line enabled competitors to relax in reasonable comfort between matches. And so, as we drop a period here, we might use the old lemon: "A good time was had by all."

#### THE BOX SCORE

Rank	Name	.22S	.22T	.22R	.22NM	.38S	.38T	.38R	.38NM	Total
<b>MASTERS</b>										
1.	A. W. Hemming	188	199	196	294	182	198	190	284	1731
2.	Paul Goulden	175	193	187	285	182	194	184	289	1689
<b>EXPERTS</b>										
1.	Wilfred Sirois	178	192	182	280	163	195	187	283	1660
2.	George E. Grady	177	189	194	281	170	192	183	268	1654
3.	Edward Culkin	174	192	185	281	181	192	174	272	1651
4.	E. A. Naurie	176	189	188	275	178	192	180	272	1650
5.	Dick Ebbeson	180	188	169	280	181	186	176	268	1628
6.	W. Ricker	171	194	189	281	159	186	184	263	1627
7.	C. R. Couser	178	184	176	269	169	191	178	267	1612
8.	E. E. Witham	161	188	185	280	184	186	181	264	1609
9.	Ted Johnson	174	183	184	265	168	191	177	265	1607
10.	Arvid Ebbeson	180	184	179	269	166	189	162	273	1602
11.	James Hughes	171	171	187	258	174	181	177	241	1560
<b>SHARPSHOOTERS</b>										
1.	Hollis Beattie	170	197	185	268	172	190	189	274	1645
2.	John Lane	169	186	189	247	177	194	172	266	1600
3.	H. Weatherbee	173	187	183	265	166	190	173	259	1596
4.	Leo Shortsleeves	153	179	184	258	167	181	159	254	1535
5.	L. B. Tims	169	175	168	256	159	169	150	251	1497
6.	V. Hewitt	161	171	175	279	166	122	162	244	1408
<b>MARKSMAN</b>										
1.	D. F. McKenna	153	161	166	249	154	159	134	213	1389
<b>TYRO</b>										
1.	M. E. Carpenter	119	163	158	231	140	152	144	227	1334

#### Southwestern Regional Small Bore Championships

IF THERE IS A MORE likely location for a rifle range than that of the Ft. Worth rifle club, the scene of the Southwestern Regional rifle matches, it would be hard to find. Lake Worth, a beautiful meandering river-like vacation spot was some source of comfort as the late July heat beat down on the seekers after that trip to Camp Perry. The range is situated just off the shores of the lake and surrounded by a grove of trees bordering the lakefront. A covered firing point helped avoid some forms of sun stroke, but anything other than a Regional competition would undoubtedly have cut down attendance drastically.

From the first, the classification scarcely pointed out any individual domination of either the Master or Expert field. In fact, it was an Expert shooter, R. W. Aust of Oklahoma that led in the grand aggregate all the way as Jim McCubbin and Mrs. L. P. Bartlett were fighting it

out for that Master trip. W. Kuhn of Houston also threw his hat in the ring as he took the metallic sight Dewar and otherwise fought along to finally nose out young McCubbin for second place in the Masters.

Mrs. Bartlett stole the show, and the publicity as Associated Press wires carried on Monday the story that a woman had finally taken the much famed Texas gunhands into camp, beating them at their own game by a one point lead in the aggregate and the title of Southwestern champ. Somewhat disquieting, however, is that R. W. Aust winning Expert score of 3177, only one point below the Masters. This was a nine point lead over J. R. Martin, second place Expert. The Sharpshooter class was small with only four aggregate entrants as was also the Marksman and Tyro classification. Twenty Experts and twelve Masters completed the list.

Young McCubbin, son of the aforementioned statistical officer, started the show for the Master's division by winning the 50-yard metallic event with only one point lost. In later events he followed up by capturing first in the 100-yard metallic, which along with near-winning scores in the other iron sight matches, gave him the iron sight aggregate trophy. The old cowhand, Thurman Randle, was in fine form and captured two events in the Master classification—the 50-Meter any and 100-yard any matches, plus a trophy for high aggregate of the scope events. Mrs. Bartlett, ranking woman shooter of the nation, was undoubtedly the most consistent performer of the tournament, finishing 6th, 2nd, 3rd, 2nd, 1st, 1st, 9th and 4th in the individual events. As might have been expected, her aggregate placed were equally high—2nd, 3rd and 1st, the last being the important regional championship aggregate.

The whole tournament was beautifully conducted. J. W. McCubbin, hard-working commercial representative for Peters Cartridge, headed the statistical force in what has, in Texas, become McCubbin's masterly style. Mac Greathouse, a non-competitor this year because of eye trouble, proved an excellent overseer as did also Executive Officer J. M. Harris. Both the Ft. Worth club and the Trinity Rifle Club of Dallas deserve much credit for their sponsorship of this match. Realizing the importance of regional status, both clubs furnished all the help necessary to conduct a first class shoot.

#### THE BOX SCORE

Rank	Name	Score	Rank	Name	Score
<b>MASTERS</b>					
1.	Mrs. L. P. Bartlett	3178	7.	S. E. Pipes	3159
2.	W. Kuhn	3177	8.	N. McRoberts	3156
3.	J. F. McCubbin	3176	9.	W. H. Womack	3156
4.	T. Randle	3163	10.	J. P. Steele	3155
5.	J. H. Mallery	3161	11.	Linn Turner	3152
6.	V. A. Moore	3160	12.	S. B. Thomas	3146
<b>EXPERTS</b>					
1.	R. W. Aust	3177	11.	Paul Klipsch	3159
2.	J. R. Martin	3168	12.	C. N. Wynkoop	3157
3.	E. G. Pope	3167	13.	A. O. Reuter	3151
4.	H. T. White, Jr.	3166	14.	T. J. Tolar	3149
5.	Geo. Spurlin	3163	15.	F. E. Record	3148
6.	R. D. Campbell	3163	16.	A. R. Havlik	3141
7.	F. H. Williams	3162	17.	E. Cross	3138
8.	Ray Whitaker	3160	18.	J. C. Welch	3135
9.	M. B. Robertson	3159	19.	L. P. Bartlett	3132
10.	R. T. Anselin	3157	20.	Mrs. Eva Klipsch	3123
<b>SHARPSHOOTERS</b>					
1.	B. F. Campbell	3127	3.	Linn Roberson	3092
2.	G. T. Anselin	3125	4.	F. E. LaCaze	3088
<b>MARKSMEN</b>					
1.	Mrs. J. C. Welch	3106	3.	R. A. McGoon	3085
2.	E. A. Oglesby	3098	4.	H. C. Walker	2951
<b>TYRO</b>					
1.	D. Merchant	3025			

#### Far Western Regional Small Bore Championships

THE WEST COAST regional small bore shoot, staged at Richmond, California, July 22 and 23, was pretty much dominated, in the Master Class at least, by one George Rowell of Los Angeles. This isn't very astonishing, figuring George's reputation as a top-notch shot with the small caliber rifle, until you learn that he had to be persuaded rather forcefully to shoot as a Master instead of in his own class, Expert. He finally, with many misgivings, decided to take a chance and shoot with the top group. Result: He took the Master Class regional title, plus the "on the house" trip to Perry. By the time this issue of the magazine is in the mails, George will be on the Lake Erie range, along with the other regional winners, which isn't a bad ending for the chance he thought he was taking.

Rowell had plenty of trouble beating out Otto Markmann, Pasadena, and Tom Dunlap, Glendale, but finally nosed them out by three points. Markmann and Dunlap finished in a dead heat for second place, each with 3156 and tied on X's. The 100-yard scores gave the second place medal to Markmann, who had a lead of 12 points over the longer range stages. . . .

The Experts had a battle right down to the last target of the last match on the program where Fred Schelter dropped two nines, to give the other boys a little encouragement, and then ran out clean, and took the other trip to Perry for himself. Schelter nosed out Dick Burkhardt by two points by scoring 3166 for the entire aggregate. This score was tops for the tournament so Schelter also won the Trophy offered by the Richmond Chamber of Commerce for the high score at the Regional Tournament.

There were twenty-seven competitors in the Sharpshooter Class which was topped by Roy Gradle of Santa Barbara, just one little point over Raley Wiles, San Francisco, for the Silver Regional Medal. Robert Berryman of Pasadena was the Marksman winner.

Side lights. . . . Master Class won by three points. . . . Expert Class won by two points. . . . Sharpshooter Class won by one point. . . . really close contests in each classification. . . . Someone running over to wake up Mel Heins for his relay . . . 7 a.m. too early for him to get up to shoot. . . . Claim of an alibi when a competitor got chewed in the ear by an ant and went out for an eight. . . . Ho hum. . . . 4:30 a.m. is too early for me to get up to start to a range for a match, so. . . . Mmmmm.

#### THE BOX SCORE

Rank	Name	50 yds. Med.	100 yds. Med.	Dewar Any	50 M. Any	Dewar Med.	50 M. Med.	50 yds. Any	100 yds. Any	Total
<b>MASTERS</b>										
1.	Geo. Rowell	399	392	396	399	394	389	395	395	3159
2.	Otto Markmann	394	389	396	397	395	394	392	399	3156
3.	Thomas Dunlap	398	391	397	394	391	392	400	393	3154
4.	Eugene C. Hamley	396	392	395	398	387	392	398	396	3152
5.	Lester A. Pope	398	388	395	396	390	391	399	395	3148
6.	Samuel Lear	395	383	396	394	396	391	398	395	3133
7.	Hilliard Comstock	392	388	393	388	391	391	393	397	3127
8.	Curtis York	395	380	395	391	389	390	395	392	
<b>EXPERTS</b>										
1.	Fred Schelter	397	393	397	398	397	390	398	396	3166
2.	Dick Burkhardt	397	390	397	395	396	391	400	398	3164
3.	Clifford Bunds	399	395	395	397	393	394	395	393	3161
4.	Carlton Smith	395	392	397	395	391	392	398	397	3157
5.	Robert Perkins	398	390	398	391	395	392	394	398	3156
6.	Victor Massie	397	390	392	395	392	393	399	398	3156
7.	M. M. Heins	397	393	395	394	388	392	398	394	3151
8.	H. H. Campbell	397	389	393	395	392	391	399	394	3150
9.	Ferdinand Kebely	394	391	397	395	387	389	397	399	3149
10.	H. N. Herrick	394	389	397	392	388	395	398	394	3147
11.	B. G. Simms	395	393	393	393	392	391	394	395	3146
12.	L. E. Johnson	392	390	394	388	397	391	398	395	3145
13.	Arnold Hanscom	392	390	395	393	390	392	397	395	3144
14.	J. B. Smith	399	387	397	393	393	387	396	392	3144
15.	Robert S. Dixon	392	391	390	392	394	391	395	391	3136
16.	Bob Munk	397	386	393	383	390	391	395	399	3134
17.	Royce Inman	391	387	396	392	387	386	398	396	3133
18.	Louis Gilpatrick	398	385	382	387	392	387	392	394	3117
19.	Geo. Deibert	386	379	382	369	377	383	387	365	3028

Rank	Name	50 yds. Met.	100 yds. Met.	Decar Any	50 M. Any	Decar Met.	50 M. Met.	50 yds. Any	100 yds. Any	Total
<b>SHARPSHOOTERS</b>										
1.	Roy Gradle	395	388	395	395	389	389	399	399	3149
2.	Raley Wiles	393	387	392	399	390	393	397	397	3148
3.	Harry Baix	397	386	396	395	388	388	397	398	3145
4.	Al Mason	392	385	396	392	390	394	396	392	3137
5.	Harold Culver	391	389	395	395	386	387	397	396	3136
6.	Chas. Allison	392	387	395	389	386	389	398	394	3130
7.	Paul Cook	390	389	397	394	391	378	398	393	3130
8.	Chas. Nash	392	386	389	391	387	388	398	398	3129
9.	Walter Burns	390	386	396	392	386	388	396	395	3129
10.	A. W. Morganfield	382	387	390	386	394	394	398	396	3127
11.	Harry Hoff	394	390	392	388	384	386	399	393	3126
12.	Arthur Bryan	392	389	392	392	384	390	395	392	3126
13.	Stephen Bisio	394	385	397	392	389	380	396	393	3126
14.	Chas. Fullmer	389	387	388	386	391	391	398	390	3120
15.	Raymond Murphy	388	382	395	392	392	381	394	392	3116
16.	Dudley Hoskins	390	387	394	392	388	378	393	393	3115
17.	Warren Tarr	392	387	394	388	387	383	396	384	3111
18.	Gordon Jacobs	390	385	392	385	382	391	388	394	3107
19.	Edw. Vorous	390	378	388	392	381	387	397	387	3100
20.	Geo. Titherington	383	382	398	389	387	364	396	395	3094
21.	Herbert Hansen	395	376	389	395	380	386	387	385	3093
22.	Clyde Narvaez	386	379	388	381	385	382	394	396	3091
23.	Geo. Cash	384	377	387	387	382	375	393	396	3081
24.	Jas. Pedroni	381	375	389	374	388	381	389	376	3053
25.	Geo. Fiscalini	379	366	382	371	382	383	373	387	3023
26.	R. C. Neville	389	392	386	390		369	396	384	2706
27.	Louis Van Hecke	386	368	383	385		375	392	391	2680

#### MARKSMAN

1.	Robert Berryman	396	389	397	395	...	386	394	394	2751
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#### Far Western Regional Pistol Championships

THE REGIONAL pistol matches for the so-called Far West were held at Ft. Funston, San Francisco. That is just about as far west as you can go. Another fifty yards and you are in the water called peaceful, or Pacific. But that "go west young man" advice of the early American sages was never intended for ambitious pistol shooters, for here the weary medal digger met up with wind on those days of July 14-16 that would have discouraged the hardiest. Of course, the main purpose was to decide regional championships. But we make this explanation about the wind for rather lowly winning scores at the specific request of an array of talent who are otherwise well able to speak for themselves in any competition.

Although the .45 caliber matches were not in the N.R.A. Regional aggregate some serious gunning marked the opening day when shooters were divided by the new classifications for the first time on the Coast. While former national champion Emmett Jones was running true to form in taking two first places and a third out of the four .45 caliber events for the Masters, the Experts and 40-odd Sharpshooters were dividing up honors in great shape. San Francisco's Paul Wormser, the W. of S. W. food fame, led the Experts in slow fire; A. J. Flochini, also of San Francisco, took the timed-fire, etc., and C. L. Van Doren paced the rapid-fire event.

Oscar Peterson dominated the Experts in the National Course match. Major W. P. Richard outshot the Masters in the timed-fire division. Emmett Jones' Master Class wins in the .45 matches were the slow-fire and National Match Course events.

With the first of the .22 caliber events a battle royal began between the members of the Los Angeles Police and Major W. P. Richards, the Marine Corps handgun wizard whose uncanny ability has been placing him nearer the top of the pistol heap each year. Jones dominated the .22 caliber slow event, and the following match, timed-fire with the .22's, went to his team-mate, Jake Engbrecht. Another of the L. A. police shooters, Joe Dircks, led the field in the small caliber rapid match, and Engbrecht came back again to take the National Course event. In all of these events Major Richards had been plugging along, seldom more than a couple of places down.

In the first of the center-fire matches, slow-fire, the Major's name topped the bulletin, and again in the timed-fire he led the Master division. Jones stepped into the limelight again by winning the .38 rapid, but had to step aside as Major Richards outshot him for the .38 N.M. Course title. The final count for the regional aggregate gave Major Richards the free Perry trip on the strength of his 1694 total, with Jake Engbrecht and Jones in second and third places. During the time that the Masters had been battling for the regional championship, the Experts had been waging their own little war, with Wilbur Barkley barely managing to nose 16-year-old Gloria Jacobs out of first place for the Expert Class medal.

But you can talk about the wind all you want to—there's nothing like the operation of a tournament handled by the San Francisco traffic police club. Their system could well be studied by other clubs. A new target, cardboard and all for every ten shots. Pasting with transparent stickers after the first five shots and then pulling the target after the ten; scoring in an embanked shed just to the left of the butts and reporting these scores by a two-way communication system to a large scoreboard and simultaneously to the statistical office, made it possible to have scores on the board at the completion of the next ten shot stage. When you had finished firing your timed-fire, your preceding slow-fire stage was already posted. When you were through with rapid-fire, your timed-fire scores were on the board. By the time you had collected your shooting gear and were ready to move off the line your rapid-fire totals were officially chalked up.

We find ourselves looking around for that honorable mention column, yet with embarrassment noting that few names come to mind to mention, all because the work was done quietly, behind-the-scenes, and was only noticeable in its perfection. Emil Dutil managed a great shoot. We found it the talk of the Coast in two succeeding tournaments. Perhaps that is reward enough for the boys who did the work.

#### THE BOX SCORE

Rank	Name	Score	Rank	Name	Score
<b>MASTERS</b>					
1.	Maj. W. P. Richards	1694	8.	C. E. Ward	1626
2.	J. J. Engbrecht	1665	9.	Lee Young	1604
3.	Emmett Jones	1663	10.	Joe Dircks	1590
4.	J. D. Buchanan	1660	11.	J. P. Donlon	1578
5.	Fred Michael	1655	12.	R. P. Goerler	1567
6.	H. R. Jacobs	1643	13.	Mark E. Wheeler	1421
7.	Tom Carr	1641			

#### EXPERTS

1.	Wilbur Barkley	1639	9.	Van Doren, C. L.	1572
2.	Gloria Jacobs	1633	10.	Fred M. Flaugh	1549
3.	Jack Ahern	1624	11.	Oscar Peterson	1527
4.	Kenneth Wilson	1620	12.	A. J. Hanscom	1526
5.	S. A. Slavens	1614	13.	L. A. Keys	1523
6.	Flochini, A. J.	1604	14.	Wm. Swars	1510
7.	Kenneth Kane	1594	15.	H. N. Mahaffey	1494
8.	Paul Wormser	1589	16.	Esther Sichler	1097

#### SHARPSHOOTERS

1.	Garold Curo	1654	14.	Fred Thompson	1530
2.	Frank Kallam	1620	15.	Felix Cortes	1528
3.	Wm. H. Young	1620	16.	Martha Hunter	1520
4.	Ring Mottino	1606	17.	Oren Swearington	1515
5.	J. H. Cooper	1604	18.	Wm. Beverly	1512
6.	A. D. Hunter	1572	19.	Lee B. Smith	1512
7.	E. F. Knowles	1564	20.	Wm. F. Fox	1512
8.	Euzene Wharton	1561	21.	Maj. G. S. McCullough	1507
9.	Gerrude Swars	1556	22.	W. C. Corbett	1494
10.	Peter Pompa	1555	23.	W. P. Macklin	1493
11.	Lawrence Walker	1539	24.	J. C. Guerdat	1481
12.	C. W. Cooper	1532	25.	Fred Bartlett	1421
13.	Capt. E. C. Englehart	1531			

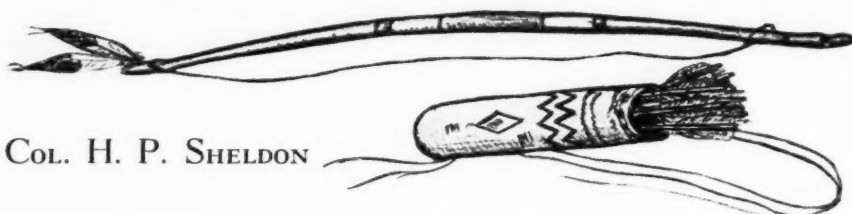
#### MARKSMEN

1.	Stanley Maxwell	1441	5.	Cliff Hatch	1397
2.	Edw. Fausset	1430	6.	Shelby Ryan	1391
3.	Adolph Buck	1405	7.	Parker White	1261
4.	Arthur R. Treadwell	1399	8.	Floyd Selle	1242



# A FRONTIER STRATAGEM

By COL. H. P. SHELDON



(Concluded from  
August Issue)

ROBERT ROGERS GOVE was an interested listener to the adult conversation which followed. He had a good right to be. He was named for the great partisan leader, he had a rifle of his own, a hatchet and a long-bladed double-edged knife that cut at the merest touch. His father taught him to shoot, and now the boy was nearly as good a marksman as his tutor; and he'd been made to practice loading while flat on his belly behind a log, and also when moving through the woods and underbrush at the Indian trot. He'd spilled a lot of good powder before he had learned how to do those things, but his father never seemed to think the powder wasted. Now he could pour a charge, ram a ball, and prime the pan without even looking at the rifle. There were other lessons, too, never witnessed by his mother and never spoken of before her. These had to do with wrestling grips and deadly fighting holds,—cruel tricks. It made a fellow kind of sick to think of using some of them on purpose, but he'd had to learn them, just in case. When out of sight of the cabin the boy and his father sometimes gripped wrists and then fought knife duels with a pair of hickory weapons exactly the same in shape and size as the wicked hand-forged knives they slung alongside their hunting pouches. The boy learned every lightning feint and parry, every deceptive twist, and wrench and turn. He learned the false fall that would bring a stronger antagonist down upon his intended victim, confident of victory until when, too late, the waiting point touched him and his own weight drove it home.

"It ain't exactly what you'd call *nice*," Henry told his son, "but it's sometimes almighty useful to a feller in a tight corner."

Thus in all but years young Robert was a man and would be counted as one in any wilderness emergency.

Simon sat and sipped at his rum while his experienced glance ran over the defensive resources of the cabin,—the loop-holed walls of the loft, the huge hogshead of water, and the dull gleam of the ready weapons. Beneath him in the dugout he heard the cattle grinding contentedly at their cuds.

"Just as snug as a bug in a rug," said Simon approvingly.

"Three or four fellers could hold out for quite a spell," he admitted, "provided you could make the Injuns keep a proper an' respectful distance. You've got the nigh aide of your corn plantin' far enough away so the devils couldn't do you much damage from that cover, but I'm obleeged to conclude that you're losin' some of what leetle, insignificant sense you may have had at one time—before I knew you. Here you be, an old Ranger, leavin' a mess of ol' stumps right in your front yard! The furthest one ain't 80 paces off, and right up agin the woods at that. Don't you know no better?"

"I believe I can guess what you're driving at," replied his host passively, but with a flicker of an eyelid for his son. "You've got some sort of an idea that an Injun might get in behind one of them stumps?"

"Henry, what in the world's come over you?" exclaimed Simon in exasperation. "What else could I mean? Not,

of course, that the damned hyenas are likely to come this far down the lake," he added for Jemima's relief, "but if they should do so you'll wish to hell—excuse me Ma'am—you'll wish you'd drug those stumps out. I'm so consarned ashamed of you over-lookin' such a thing that I believe I'll learn you a lesson by drinking another horn of that molasses an' hellfire you call rum."

The two sat for a time afterwards and talked of the new war and of the threatened invasion from the North. To many of the settlers scattered along the frontier the disputes between the Colonies and the King had hitherto been matters of small concern. There had been little as yet to rouse their patriotic anger, and the great issues of the struggle were not by them well understood. Some of these men, like Henry Gove and Simon Hendee, had served with British Colonial regiments against the French and Indians, and while they shared a common contempt for British soldiers when engaged in wilderness war, they were nevertheless accustomed to think of them as allies if not as friends. They were a hardy, self-reliant lot, asking not much more from King or Congress than to be let alone to manage their own affairs, and they took very little interest in national politics and in the tricks and subtleties of statecraft.

That night while the occupants of the cabin among the stumps in the clearing slept, two canoes, each of them paddled by three Seneca warriors painted and feathered, passed down the eastern shore of the lake. They progressed in utter silence, scarcely discernible in the black band of shadow cast by the forest across the water. Before dawn the savages had landed, hidden their canoes, and vanished along a dim trace that led away from the water's edge.

Young Robert Rogers Gove awoke from a dream of brave adventure in which he and his famous godfather, Major Rogers, were defending the gray battlements of Fort Ticonderoga against innumerable Indians in war paint and feathers and white men in red coats, white cross belts and high head dress. It would have been glorious but for the circumstances that each time, with the silver slip of its front sight squarely on an enemy brisket, his rifle failed to fire. The Major seemed to think it very funny. Whenever it happened he laughed and took time off from the desperate combat to help himself to a drink from a com-mo-dious horn of rum. But finally the suspense and the mounting indignation of a born rifleman over a balky rifle that wouldn't throw a spark into the pan when sparks were needed most, broke the boy's uneasy slumber.

It was dark within the close thick walls of the cabin when he opened his eyes, but the pearly light of dawn was visible through the narrow rifle slits piercing the thick walls of the loft where he had his bed.

He felt for his buckskin breeches and drew them on. Simon Hendee, who was stretched on the other bunk in the loft, slept softly and virtuously as a man should who had the night before drank the better part of a quart of honest rum, and who was, drunk or sober, accounted as one of the two top notch riflemen, woodsmen and fighters on



this Northern frontier. The boy's father, Henry Gove, was the other one.

The lad rose and went to a loophole in the western wall. Standing well back, as he had been taught to do, he examined the stump dotted clearing. The place was vibrant with birds celebrating the ecstasy of the June morning and attracted to the clearing by what to them was the rare sight of fresh turned earth with its promise of worms, insects and larvae, but for all the chanting there were, the boy noticed, no robins, flickers or partridges hopping about among the stumps—the same stumps that Simon had lectured his father about last night. Robert chuckled at the recollection. There was something about those stumps that Simon didn't know yet, and Pa would certainly make fun of his friend when he found out what it was.

He looked now at the nearest one. A thick white pine tree had stood poised upon it once, with a trim shaft that reached clear to the sunlight above the green roof of the forest. If all was well the pale splinter of a torn branch of oak should be showing against the nearer side of that particular stump. Each morning for months the pale blotch had been there with its mute reassuring message and after awhile he'd come to think that it always would be the same. Sometimes the boy had almost allowed himself to wish that he might find it missing just for once. This time it seemed as if he was to have his foolish wish granted, for the thing had certainly disappeared. The boy looked again to make sure and felt a queer coolness go over his skin. Then he slipped silently down the ladder from the loft to the room where his parents slept and remembered in spite of his excitement to wake his father by gripping his hand instead of shaking him by the shoulder. That way he knew people would awake quietly, as his Pa did now. He gave his news in a breathless whisper.

"Pa, the white stick on the highest stump is gone!" Henry Gove instantly took charge and so completely and

purposefully that he might have been lying awake for an hour anticipating the moment and preparing for it.

He woke his wife and as her gray eyes opened to understanding he whispered:

"Injuns. Don't get scared. Keep entirely quiet and no matter what happens don't come up above unless I tell you to do so; then come quick." To himself he added grimly, "And I won't tell you to come up, poor soul, unless it's to shoot you stone dead."

The rapid instructions went on as he hauled on his breeches.

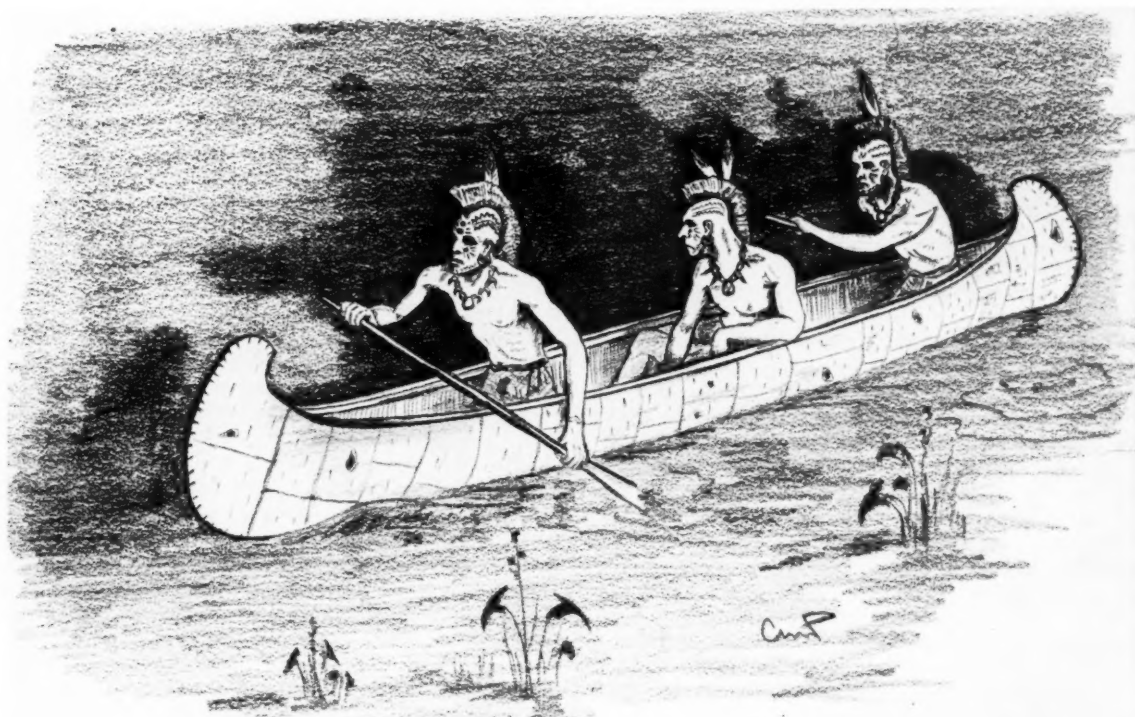
"Wake Simon," he whispered to the boy, "and then you get your rifle and take the east side. Don't you dare make a sound unless you see 'em or hear us a-firin'. If they start to fetch brush to throw against the cabin hold steady an' shoot the one that's carrying the fire. And don't you miss him. Don't you durst show your face at a loop hole either. Mind, now."

Henry Gove's progress from his breeches to his rifle and the loft was an unbroken rhythm of movement. Jemima, with mortal fear clutching her heart, had a momentary and surprising impression of a man she had never seen before—a silent, fierce, swift man who gave her nevertheless one quick, boyish, reassuring grin as he drew the lacings of his breeches tight and whispered, "A feller can't go to war without his pants on."

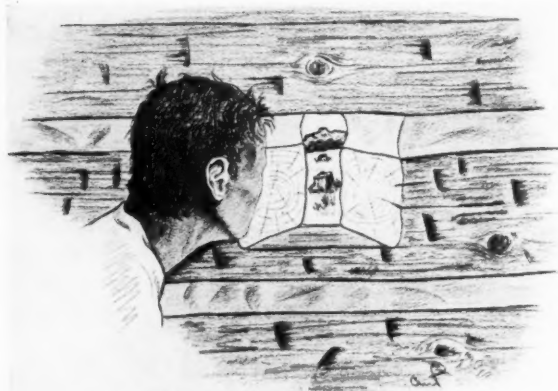
Then he was in the loft with his rifle, spying cautiously out upon the stump lot and whispering his conclusions to Simon, who was awake, alert, armed and looking as if he had never in his life tasted any beverage more potent than cold water from a spring.

The boy was right. The oak branch with its white splinter was indeed gone. To Henry this meant that a man was now, or had been, lying behind that stump. Whoever he was he had found when he came a crooked branch lying just where it would be most uncomfortable for anyone

*"That night while the occupants of the cabin slept, two canoes passed down the eastern shore of the lake"*



who wanted to conceal himself there from view of the cabin. One end of the stick had been thrust into a chipmunk's hole, at the base of the stump, as if the children of the cabin had used it trying to punch the little animal out of his den. The skulker quietly moved the trash out of his way, thereby unwittingly setting the garrison's alarm signal. He now lay there close and silent as an adder and quite as deadly, watching the cabin for signs of awakening life within and expecting presently to see the door opened by some unsuspecting member of the household. One shot at a range so short that a miss would be impossible, then a concerted rush on swift, moccasined feet would complete the Indians' strategy and the band would be away with scalps, captives and booty long before any alarm could raise the scouts at the Fort. The warrior's eyes gleamed. Behind him the others of the band had found similar convenient cover among the stumps that the fool white man had left standing. They had found also that there was but one door for them to watch; it was unnecessary even for the marauders to cover the rear wall of the cabin to cut off escape. That was another mistake the white man had made.



*"The boy looked again to make sure, and felt a queer coolness go over his skin"*

"Bub saw 'em, or signs of 'em," Henry explained in answer to a whispered inquiry from Simon. "They're out amongst the stumps. Don't know how many they are. Most likely a small band raiding for scalps."

"Well, Henry, they're just exactly where I'd expect 'em to be, an' now we're in for it, I guess. Damn them," he added fervently, "I can't see any sign of the cussed reptiles. Not so much as an eye or a feather where a man might put a ball."

That was a mild rebuke administered for what he considered to be his friend's inexcusable carelessness. Henry seemed strangely unchastened by it.

"Now, Simon, if I got you into this mess I guess I can get you out, but you must do just as I say. Will you?"

"I will, if it ain't too danged unreasonable," said the other.

"All right then, my buck. Do you see where a chip has been knocked out about a foot off the ground on that furthest stump? And can you hit the scar do you think? It's just exactly 80 paces from where you stand."

"I do, an' I can, but to what advantage it'll be, I can't see. I consider that this is a hell of a time to be doin' target shootin'."

"Do it, anyhow," directed Henry concisely.

Cautiously the tall scout eased the muzzle of his rifle into a loophole, being careful not to let it protrude beyond

the outer surface of the log wall. He raised and steadied the weapon until the front sight hung motionless on a point on the stump two inches above the axe mark to allow for the fall of the ball. A cloud of white smoke pierced by a single thin spurt of hot flame burst from the wall and the sharp report of the heavy rifle shattered the silence. At this proof that their presence was known the Indians in the clearing promptly raised the war whoop and opened fire with their muskets, the balls rapping and thudding harmlessly against the logs. Then the besieged could hear the rattle of iron ramrods as the savages behind their stumps began reloading. It was a difficult performance under circumstances that forbade even the momentary exposure of any part of the body to the slap of a rifle ball from one of the narrow embrasures. Meanwhile they kept up their shrill inhuman yelping and gobbling. Down below Jemima Gove heard it and trembled. The boy at the eastern wall of the loft, hearing the bestial hubbub for the first time, felt the back of his neck prickle. The noise was compounded of fierce, merciless cruelty, hatred and contempt. Its sudden loosing had many times startled even the tough-nerved frontier women and children from secure hiding places and forced them to betray themselves into the exultant hands of their ferocious hunters.

"How many do you make 'em, Henry?" Simon asked above the frightful babbling. He was pouring a fresh charge of powder down the barrel of his rifle as calmly as though he were at a turkey shoot. A feather of white smoke from the flash of the priming drifted through the loft.

"Five shots, I counted," was the reply, "an' I presume that's all of 'em. The cusses like the sound of their own racket so well that it's not likely one of 'em would miss a chance to let off his fusee. Burning good British powder, too, they are—I can tell by the whang of it."

"Well," remarked Simon, "my target shootin' set all of your canaries a-singin' sweetly if it didn't do no more."

But Henry thought better results had been accomplished.

"Simon, have a good look at your stump and tell me what you see down to the left-hand side closest to the ground."

After a moment's cautious investigation, Simon exclaimed:

"It's some part o' a damned redskin, but I can't say which part. Whatever it is, I c'n an' will put a ball into it." He hastily primed his weapon and made ready.

"You needn't," his friend told him, "for that Injun is a dead Injun. You kilt him the first shot an' I'll bate ye a quart o' rum that you'll find the bullet hole somewheres betwixt his ear an' his shoulder, left han' side."

Simon looked at him in amazement.

"Simon, I'll tell ye somethin' that will tickle you. That stump's holler as an empty gourd. Just gouged out and the top put back on like a lid on a bucket. All the others are fixed the same way. You could eenamost shoot clean through 'em with a boy's bow'n'arrer." When the tall ranger understood the ruse he threw back his head and emitted a warwhoop of his own.

"You subtile ol' cuss!" he roared. "I might ha' known there'd be a hitch to it somewheres. Come to think on it you looked almighty innocent an' ca'm as the cooper's cow when I spoke of it last night. If that is so it certainly looks as if we might just about make every one o' them yallopin' heathen into a good, earnest Christian. If we doctor the furthest one's first the rest on 'em 'll never suspect what's happening until it's their turn at the dough dish. I declare I'd rather be here than settin' at my ease in a tap room at a tavern." Another thought came to him. "But how do you know where I hit that feller?" (Continued on page 33)

# This Handgun Game

By WALTER F. ROPER

## About Using a Spotting Scope

EXCEPT FOR THE SILVER STREAK one occasionally can see in just the right light, even the largest pistol bullet cannot be seen during its flight to the target, so that we pistol shooters cannot enjoy the big thrill experienced by golfers and archers in watching the flight of the ball or arrow. This, and the impossibility of seeing where the bullet strikes the target, has always seemed to me to explain the small galleries at shooting matches as compared to the crowds which plod around a golf course to see a big match. So far as the player is concerned, I can vouch for the "kick" one gets from watching a well-hit drive travel far and straight, or a pitch shot go accurately to the green, "bite" when it lands, and then curl in toward the hole! The trap and skeet shooter gets a similar thrill because of his breakable target, but the nearest we pistol shooters get to it on our paper targets is by using a spotting scope and noting where each shot lands on the paper.

To me, because I want my shooting to be as interesting as possible, a good spotting scope is just as important as an accurate gun, but most of the successful coaches state that pistol shooters will average better scores if they do not use a scope; in fact, Captain Ivan Yeaton, whose extraordinary success in developing pistol teams at the University of Oklahoma is well known, believes that better results are obtained when the shooters are not even allowed to know what scores they make in practice! Every one of the arguments against using a scope sounds all right, and the results seem to prove that in team shooting a single scope used by the coach who orders the correct change in the aiming point for each shooter, is probably better than individual scopes for each shooter; but, right or wrong, I do not believe that individual shooters will ever adopt entirely "scopeless" shooting, and furthermore I believe that proper use of a scope will give higher scores, to say nothing of adding considerably to the pleasure one gets from shooting.

In any event I'm going to describe a way of using the scope which I think will eliminate the objections of the coaches, without depriving the shooter of the pleasure of seeing "how he is hitting them." To begin with, one should use a scope simply to see WHERE his shots are striking, although in practice there is no reason in the world for not gazing in rapt admiration at each little black hole just as much as one desires, and adding up one's score as well. Furthermore, if one makes his practice competitive, as suggested in a recent RIFLEMAN, I believe he can get so accustomed to seeing good and bad shots that the sight of them in a match will not affect his efforts. When one is trying for a high score, however, as in a match, THE ONLY REASON FOR USING A SCOPE IS TO MAKE SURE THAT THE GROUP CENTERS ON THE BULL. JUST LOOKING TO SEE WHERE EACH SHOT STRUCK, OR TO ADD UP ONE'S SCORE, IS A WASTE OF TIME AND AN ADDED STRAIN ON THE EYES. In addition, there is always the possibility of a poor shot being just enough to start a siege of jitters.

Let's therefore consider the use of the scope in match shooting, and do as we please about it in practice. In match shooting our ONLY object is to make the highest possible score in a limited time. To enable us to do this we have a certain amount of shooting ability, plus a gun which,

when properly held, should put the shots into the ten-ring. To make our ability produce the best possible results, we should conserve everything affecting it, and eyesight certainly is one of the most important items. That means that a scope should be used just as little as possible, as it puts added work on the shooting eye. Please note that I said the gun, when properly held, *should* put its shots into the ten-ring, for, without any change in the sights, groups have a way of centering somewhere else than where they did when the gun was sighted-in.

A centered group is, however, absolutely necessary for a high score, and to be sure of getting as much of it as possible in the center of the bull under the conditions existing at the time of the match, we must see where THE FIRST THREE SHOTS in a slow-fire match, and the first string of timed or rapid, strike the paper. To do that we should look at the target through the scope, not to see what we scored but to quickly estimate the position of the center of the group and decide where we must "hold" to put the group in the center of the bull; or if we are lucky enough to have sights that can be easily and accurately adjusted, to get the dope that will let us make the right correction.

In slow fire, three shots are enough to give the information needed. One shot isn't dependable, and more won't be any better than three carefully held shots. And if the group is off center this can easily cost a needed point. So, make sure to hold the first three shots just as carefully as you can, and then—and then only—look through your scope, make the required change of sights or point of aim, and then GO AHEAD AND SHOOT YOUR STRING WITHOUT ANY FURTHER SQUINTS THROUGH THE GLASS.

From that time to the end of the string your job is to hold and squeeze. If a shot looks good and you call it a ten, looking at it through the scope won't make it count any higher, and if it wasn't a ten it will probably be better for the rest of your score if you don't know about it. If you call a wide one, the chances are good that it isn't as bad as you figured, for "calling" isn't anywhere near as accurate a proposition on "off" shots as it is on those that look good. But even if the shot is as wide as you figured, you can't make it any better by looking at it, so why waste time? Anyway, it will still be there when you count up the score, if you want to cuss it!

And now for an incident that will show why three shots are a lot safer than a single shot in estimating where the group is going to center. It happened in a slow-fire match at Perry in 1937, that particular match being one of three in which placing in the first 10 qualified a shooter for the tryout for the International Pistol Team. I'm sure Elliott Jones won't object to my naming him as the actor in that near tragedy, for it happened that that match was his best bet in which to qualify for the tryout. (He later did qualify in another match, and shot top score in both the tryout and the match.)

In the match in question Elliott fired his first shot, looked through his scope, and saw a nice ten. Satisfied that everything was right, he proceeded to fire his other shots without using his scope again. When his target was brought in he had a group no larger than the ten-ring, but its center was on the edge of the eight-ring, at six o'clock. That first shot was the highest of any on the target, and instead of getting close to a possible, his score didn't (Continued on page 33)



# The Old Coach's Corner

## The Score Book

TWENTY YEARS AGO a shooter who did not keep a complete score book would have been set down as the veriest tyro. Yet today we seldom see it in evidence, particularly in competitions. I think that the reason is that with the decreased time limit in slow fire our best shots do not find time to keep it on the firing point as formerly, and the beginners not seeing it in evidence where they see the best shots shooting, do not realize its necessity. As a matter of fact our best shots do still keep a very elaborate technical record of all their shooting, and this is one of the reasons why they are such fine shots.

One thing a score book does is to tell you how to set your sights to hit with the first shot. I think this is also perhaps a further reason why it is not seen so much on small bore ranges where sighters and warmers are almost universal. But with the big bore where we have rapid fire and have to fire our whole string blind, and have usually no sighting shots in slow fire, the score book is certainly most necessary.

The least important thing to record is the actual score you make. The important things to set down, because you cannot trust your memory on them, are the range, the ammunition you use, the wind and weather conditions, mirage, your elevation and windage, where you called the shot, and the exact point where it hit the target. You should keep a conscientious record of all this in your practice shooting, and of as much of it as there is time for in match shooting.

There are lots of score books on the market that serve their purpose fairly well. I confess that I do not fancy any of them. They are all pocket size on thin paper, which makes it difficult to make entries in the spaces allotted, and the pages blow around in the wind. Many of them have columns and spaces for everything under the sun, most of which you don't need. Why not rule up a score card to suit your own needs, using black ink, and then have an electrotype made from it. You can then have as many as you wish printed, at an ultimate saving in cost, and they will be more convenient for you.

If I were preparing a new score sheet today for use with N. R. A. targets, it would be somewhat like the cut shown herewith, printed on light blue or brown cardboard, which

will not dazzle you when you use it in sunlight. I would have the cards 5 x 8 inches, which is not too large for the dope bag, or for a dull pencil, and for which large stationers furnish filing equipment. In fact for years I have used these 5 x 8 cards for filing all my dope, filing them serially in a cabinet according to rifle, ammunition, or subject. A supply of blank cards is kept in the dope bag, with a rubber band around them. Easy to use the top card even in a high wind—doesn't blow around, and there is something stiff to write on. At the end of the day you file the ones you have used. Or, when using a certain rifle you can extract from your file all cards pertaining to it and take them to the range with you, and you have the complete record of all that rifle's previous shooting to refer to.

On the card shown I am supposing you are using a rifle that you have not previously fired at 200 yards. When you previously fired it at 100 yards you found the elevation to be 32 half-minutes on the mount of your Lyman scope, and you formed the impression that the zero was about 104 half-minutes. Therefore, based on the Table of Angles of Elevation on page 34, and Table of Wind Allowances on page 37, of the "Small Bore Rifle Handbook", you set your scope mount at Elevation 68 and Wind Gauge 94 for the first sighting shot (S. A.). You make this and the other pertinent entries on your score card before you go to the firing point, and recheck your sight setting. In the mirage column my system is a thin line for light mirage, heavy for heavy, the arrow point showing the direction in which the mirage flows. If the flow is fast I make the line horizontal, and a rising line indicates a slow, rising, or boiling mirage.

Starting in to fire with a clean, dry bore and your magazine full, you pump off five shots fast to warm and foul the barrel. Then you carefully fire a sighting shot (S. A.) which results in a nine at seven o'clock. So you change sight adjustment to E70W96. As you progress this does not prove exactly right, so you change to E71W95, and later to W96, and are getting X's.

On the sixth shot you note through your scope that the mirage is flowing slower and more upward, and for that shot you hold over an inch to the right, fearing you are over-corrected for wind, which proves a good guess. The wind remains gentler for the next four shots, and you consequently

decrease your windage slightly. (Note that on a scope mount unscrewing the windage screw results in increasing the number of half minutes recorded, but if you have left wind on, it actually decreases the amount of wind allowance to the left.) Having gotten a possible to include the ninth shot, with a number of nice X's, you were over-anxious on your last shot, and pulled it a little low and right—a very common occurrence.

(Continued on page 32)

Rifle <u>Rem. 37</u>	Sight <u>Lyman 10X</u>	Date <u>7/26/37</u>	No <u>8</u>
Event <u>Practice</u>	Position <u>Prone with sling</u>	Range <u>200 Yards</u>	

No	Elev	WG	Wind	Mirage	Call	Remarks	Score	No
SA	68	94	8	10	→			SA
SB	70	96						SB
1	71	95					X	1
2								10
3	71	96					X	3
4							X	4
5								10
6						Hold right for wind	X	6
7	71	97						10
8	71	98	6	10			X	8
9							X	9
10								9

Ammunition: <u>Western Super Match</u>	Notes: <u>Started with clean bore warmed by 5 shots.</u>	Total Score <u>99</u>
		Approx Elev. <u>71</u>
		Approx Zero. <u>104</u>

Light Bt. Sun Temp 82



# SHOTGUN DOPE

## A DOPE BAG REVIEW

**NEW REMINGTON CRIMP.** What do you think is the average spread of No. 9c shot from a 12-gauge Skeet load? At 30 yards, which is a short trap-shooting distance and a long Skeet range, we got 43-inch patterns from open-bore 12-gauge barrels. That is a lot of area for the pellets to cover adequately, i.e., without openings of clay-disc size. We chose this distance because we knew that any tendency toward openings in the pattern would be emphasized at 30 yards as compared with the more normal Skeet range of 20-25 yards.

The horizontal average was just over 43 inches, while the vertical spread averaged just under 43 inches. Diagonals of the individual patterns measured from 3 inches less to 3 inches greater than the horizontals. Fresh Remington ammunition of both types was used—the old turned-in crimp and the new wadless six-section crimp. All loads were identical in every other respect. The mean spread at 30 yards was 3 inches greater for the old-style or conventional crimp. That is a small differential of only 1/10th inch per yard, but eliminating it would at least tend to close up incipient gaps and give a slight advantage to the user of the new crimp.

Uniformity from pattern to pattern was the same for both crimps, except for the relative location of small openings in the patterns which, invariably, were nearer the edges where the new crimp was used. The standard clay target measures 4 1/4 inches, and we used a 4-inch disc as an opening gauge. Except with the Cutts Spreader tube, we did not get more than four such 4-inch openings in any pattern. The Cutts Spreader tube spread its patterns up to 4 feet at 30 yards, and with it we got as many as six 4-inch openings per pattern with both crimps.

The open-bore guns we used also were chosen to encourage "blown" patterns, but none developed. We shot four patterns at a time on each long strip of paper, for direct visual comparison, but we could see no practical difference in the performance of the different guns. Measurement and checking of openings with the 4-inch disc, however, did disclose some slight differences. Besides the M-28 Savage with Cutts Spreader tube, other 12-gauge open-bores included in the test were our 26-inch Ithaca with widest standard Skeet choke, our short-barrel cylinder-bore Trench gun, and a Model 12 Winchester with Poly Choke set wide open.

With the Cutts Spreader, both crimps tied. The 4-inch holes per pattern ranged from three to six, with a mean of 4.25 holes for both old and new crimps alike. The open Skeet bore ranged from none to three 4-inch holes per pattern, with the old crimp, for an average of 2.0, and from none to two holes with the new crimp, for an average of 1.33 openings per pattern. The cylinder bore ran from two to four 4-inch openings per pattern with the old crimp, and an average of 2.6 holes, against from one to four holes and a mean of 2.4, for the new crimp. The wide-open Poly Choke showed the greatest difference between the two types of crimp. It ran from one to four openings with the old crimp, for an average of 2.6 holes per pattern and a mean of only 1.4 holes, and from one to two holes per pattern with the new crimp.

Our combined results indicated only a slight edge in favor of the new crimp. The total score for all guns gave a mean of 2.86 4-inch openings per 30-yard pattern for

the old crimp, and a 2.34 average per pattern for the new. At 40 yards, however, we got a 10% advantage in patterns when using the new crimp in the Poly Choke set fully closed and shooting new trap loads of No. 7 1/2c shot. Here again we used identical fresh Remington loads with both types of crimp. In the old-crimp loads the pellet count was 450 and the low pattern was 261 or 58%. The high pattern was 346 or 76.89%. The average was 303.4 hits in the 30-inch circle at 40 yards, or 67.42%. I would consider this a satisfactory performance of the Poly Choke with No. 7 1/2c shot, but it did much better with the new crimp. The pellet count was the same per load, but the low pattern now was 341, or 75.78%, while the high pattern was 358, or 79.55%. The average was 348 hits, or 77.34% in the 30-inch circle at 40 yards. That is the best Poly Choke performance I have seen at 40 yards. Such guns are rare. (In New York recently Mr. G. F. H. Koenig showed me his special-bored Holland & Holland double which will shoot 80% patterns with Super-X duck loads.) This same Poly Choke was tried with some old "crow-loads" of No. 4c, and it averaged only 59% at 40 yards. In this particular Poly Choke, considerable credit belongs to the new crimp because of its direct boost of 10% in the pattern performance of the same load.

**FINE NEW MARLIN.** That *Skeetking* which A. P. Curtis of Marlin fame had built to fit me has arrived, and I have fallen for it. It is a 20-gauge over-under with 28-inch barrels and a weight of 6 1/2 pounds. That is only 1/2 pound more than my custom 28-gauge Parker, which I had copied in the new *Skeetking*. It is the finest Marlin I have had in my hands. The walnut resembles that characteristically beautiful Iver Johnson wood, and I recognize Mr. Curtis' influence here. The fine personal fit of the gun I owe to his cooperation. The "live" feel—the hang, balance, and weight, are typical of this model, because Marlin engineers have built this desirable handling quality into all *Skeetkings*. With their new Skeet and upland boring, I predict a great popularity for this new Marlin.

The factory says the sample is standard in every respect, but my own gun seems to be bored closer than standard. With Western Xpert 2 1/2-inch loads in its 2 3/4-inch chambers it averaged for us 300 No. 8c shot in the 30-inch circle at 40 yards. That is about 67% for the first or bottom barrel. We got an average of 328 hits or 73% for the top barrel. These same loads powdered Blue Rocks beautifully at long range, and in spite of the tight patterns, we could get the close ones five yards nearer the gun than with a heavier 12-gauge fired in direct comparison. Furthermore, our doubles were broken much closer together than with any other gun, which reflects the fine fit and fast handling qualities of the Marlin. The only 12-gauge which approaches it in this respect is our Model 37 slide-action of the same weight. With this light Ithaca pump I can eject empties and hit them consistently, even down to hip-level. My 28 Parker is inherently as fast, and now this new 20-gauge *Skeetking* has taken its place in the same category.

My sample is a beautiful thing, with some above-average factory engraving tastefully applied for a most handsome effect. It has a two-piece trigger guard of graceful lines. The slender semi-pistol grip feels almost dainty. The checkering on both grips is very (Continued on page 31)

# SCOPE-SIGHT FUNDAMENTALS

By F. C. NESS

SINCE THE PRINCIPAL ELEMENT with which an optical instrument deals is light, our evaluation of its relative merits and practical effectiveness is concerned principally with its ability to utilize light rays and to transmit them to our eyes. This applies to binoculars, monoculars, spotting scopes and sighting scopes which are the optical instruments commonly used by shooters and sportsmen. The telescope sight must have other qualities in order to fulfill the exacting requirements of its purpose but its light-transmitting ability is one of the most important. Its defining power, resolving power and adaptability to sporting use under the commonly-encountered condition of poor light are determined by its ability to utilize light rays and efficiently transmit them to the sighting eye.

Light passes through different materials, including different kinds of glass at different angles with respect to the angle of incidence. This change in direction of the light ray

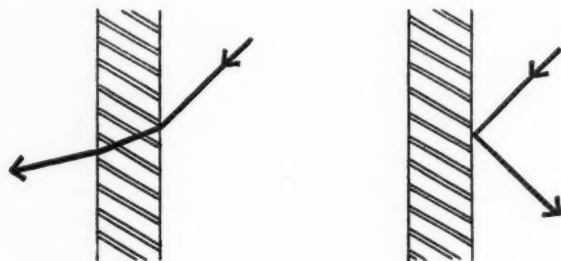


Fig. 1

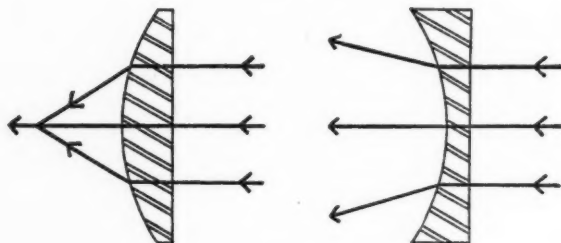


Fig. 2

is called refraction. Only a part of the ray passes through because a portion of it bounces off the surface, called reflection. Although we may be temporarily blinded by the glare of sunlight reflected into our eyes from a plate-glass window we know very well that the major portion of those individual rays passed right on through that glass, because when our next step takes us beyond the line of reflection we note that the interior display space of that store window is flooded with sunshine. Light rays can penetrate substances as dense as metal; although, of course, shallowly. Also they bounce off substances as smooth and transparent as polished glass; invariably, but in varying proportions with respect to the number of rays that penetrate.

The ratio of reflection to refraction depends upon the density of the substance or its transparency, its surface smoothness and the angle of incidence of the light ray. The best highly polished metal will refract 2% of all approximately right-angle light rays and reflect 98%. Polished

optical glass will refract 98% of the same right-angle rays and reflect 2%. Normally it will reflect 5% of the rays at normal incidence (practically right angle) and reflect nearly 100% at practically flat angles of incidence, that is, those rays which scarcely more than graze it. When the surface is not polished the light rays are broken up, because then the many different slopes of the numerous minute surface areas cause as many different angles of incidence to individual rays, although the surface as a whole squarely faces the light source. That explains how and why frosted (surface roughened) glass diffuses light and passes no direct beams.

With all materials there is also some absorption of light. Discounting the reflection from smooth surfaces at flat angles of incidence, the thicker and denser the material the greater the absorption, or the more nearly opaque it is. Thin transparent metal will refract light, but the same metal will absorb all unreflected rays when it is made slightly thicker. Glass containing a pigment which colors it some light hue is translucent because it absorbs as well as diffuses the light rays. Thicker pieces of the same glass or heavier and deeper (darker) pigmentation of the same thickness of glass will absorb more light, up to nearly 100%. There is as much relative difference in the absorption qualities of transparent glass from sample to sample, although the maximum absorption is, of course, less in transparent materials. However, we are interested here in the fact that there is a difference in the optical density of even the best grades of transparent glass.

There is no material that does not deflect or interfere in at least some small degree with the passage of light rays. Such interference is absolutely absent only in a vacuum. The relative ability of a transparent material to refract light as compared with a vacuum is its absolute index. With the absolute index of a vacuum at unity (1) the absolute index of air at normal pressures, representing minimum deflection of light rays, is about three ten-thousandths more than 1.\*

\* According to Dr. I. C. Gardner of the National Bureau of Standards.

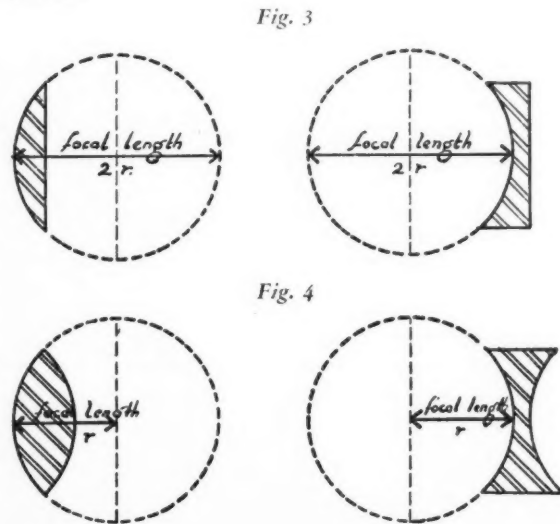


Fig. 3

Fig. 4

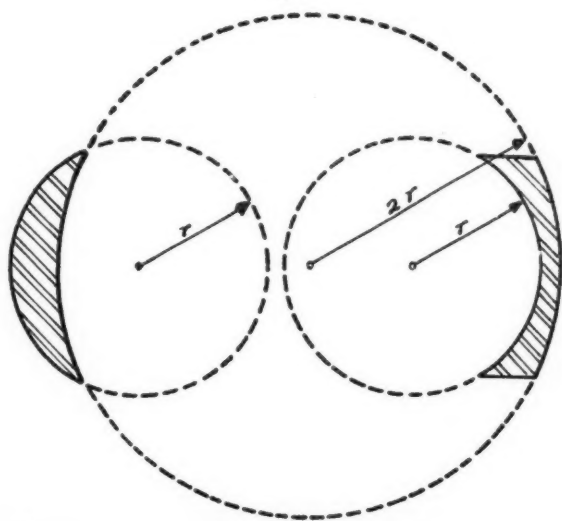
but for convenience it is considered also as unity. As the optical density of a substance increases, its refractive index (relative deflection from line of incidence) increases, the absolute index of optical glass (as used in our telescope sight) being about 1.6. Some scopes have less efficient glass. When we consider that even the best optical glass absorbs some light and reflects many times more away from its highly-polished surface we realize how impossible, actually, it would be for our telescope to add any light when its series of lenses are placed between our eye and the object to be viewed, which is the light source.

Granting equality in optical system, in glass, in grinding and polishing, the larger the objective the greater the number of rays it can contact and the greater the amount of light it will transmit to our eye. Here we are interested only in the effective diameter of the objective lens (clear objective-aperture) because diaphragm stops are used to screen out extraneous rays around the lens and these stops form the rim of the objective aperture. There is a practical limitation on the size of the objective because the diameter of the lens determines the bulk, the weight and the relative cost of the instrument; the price of lenses varying as the square of their diameters. Double the diameter of a given lens and you quadruple the cost of that component.

The diameter of the clear objective-aperture regulates the volume of light to be delivered at the other end, which is the exit pupil through the ocular lens and the pencil of light extending beyond it to the eye. This light volume is easily measured by putting a rule on the diameter of the exit pupil. The square of its diameter in millimeters is the relative luminosity of the instrument. Multiply the exit-pupil diameter by the power and the product is the diameter of the objective aperture. Or divide the objective by the exit pupil (diameters of both) and the quotient is the magnification.

Inferior glass, soiled lenses, mildew, moisture, internal stops, or generally inefficient optical design can modify the intensity of light or real brightness of image. That is why some scopes seem duller in image than others of the same power, even when both have the same-size objectives. The relative brightness of the image has a direct effect on definition, but the chief practical advantage of the brighter image is that the scope can be used earlier in the morning, later in the evening, in denser or darker cover, or in poorer light than one having a duller image.

Fig. 5



The objective diameter and magnification together determine the limit of resolution or resolving power. That is the ability to distinctly distinguish small objects in the field of view by separating or contrasting them when they are closely adjacent. The smaller the object which can be distinctly distinguished or the nearer two adjacent objects may be located without flowing together or blending in the field of view, the better the resolving power of the instrument. When all aberrations or errors of transmission of the instrument or optical system have been corrected or reduced to the very minimum, this limit of resolution is directly determined by the effective diameter of the objective lens at any given magnification. The angle subtended by these two adjacent points in the image (opposite sides of the smallest object or of the narrowest space separating two objects which can be definitely resolved by the instrument) is the measurement of the limit of resolution. For a given objective it can be calculated in seconds of angle by dividing the diameter of the objective aperture in inches into 5.

So far we have assumed perfection in our optical system, which optimistic goal is incapable of achievement because of physical, mechanical and optical limitations. Indeed, our telescope sight and its optical system are subject to many impediments which must be anticipated or they will seriously impair its efficiency in transmitting light and even

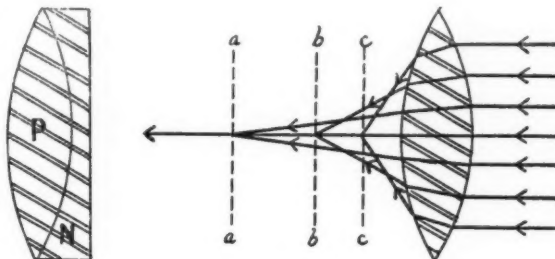


Fig. 6

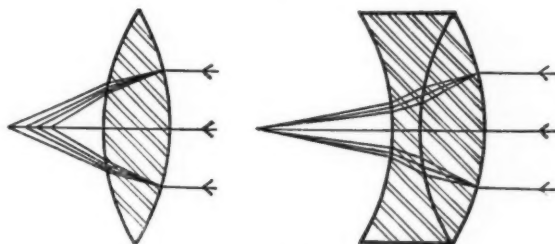


Fig. 7

preclude its effectiveness as a sighting device. Unless corrective measures are taken the light rays will defeat control and the image will be distorted or rendered unnatural by various different aberrations, usually in combination.

Except exactly at the optical axis, rays of light do not pass through a lens along the paths of their original direction but are refracted at an angle determined by the curve of the lens surface. A positive lens (convex) is so ground that the light rays are made to converge upon the axis, but because the individual rays do not converge at the same point along the axis we have an error of multiple misplacement called spherical aberration. To correct this condition a negative lens (concave), which diverges or refracts its rays away from the axis, is employed as a neutralizer by joining it to the positive lens, thus forming a compound lens.

As we know, light comprises all the colors of the spectrum. As each different material and even each different kind of glass has a different refractive index, so too is there a different refractive index for (Continued on page 32)



# THE BEGINNINGS

By WALDEMAR DOERING

WHO OF US HAS NOT of a rainy afternoon or on a blustery night hauled 'em forth from cases, off the wall, and out of obscure corners, and laid 'em all out one by one, pawing over each lovingly, and deciding "Now, I'll sell this one," only to wind up by carefully returning each to its appointed place—and ordering two more instead? Who of us has not at one time or another dimly wondered with a queer mixed feeling of disgust, amusement, and pride, how he got that way?

It is in an attempt to answer this question "How did I become a rifle nut?" that the following is set down. There is the thought that this childhood recollection may revive in others memories that will afford them far more pleasure than any article they might read.

I must here beg time out to acknowledge my indebtedness to an old-timer who has inspired me. I hold in my hand a letter from T. K. Lee, in which I see him as a barefoot boy in hickory shirt and jeans, a Stevens Favorite snuggled in the crook of his left arm, while from his right hand dangles the limp remains of a pole-cat, bearing on its back a single dot of washed-out white. "T. K." has had dots before his eyes ever since, and now he is busy putting dots in front of other people's eyes, to the discomfiture of their competitors at the target in particular, and to the detriment of our vermin supply in general. But T. K.'s letter—all I can do is reread it, then sit holding it half-closed as it came from the envelope. Just sit, eyes opened wide but blind to visible things; seeing, instead, many, many things that the Great Eraser, Time, has made forever invisible, but which still lie—clear as a carbon copy—stencilled upon the second-sheet of memory.

Among my first definite recollections (I couldn't have been more than five) is a pop-gun, owned by a boy on a neighboring North Dakota farm. So great was my admiration of this toy ordnance, so tragically intense my coveting of it, that finally, by parental intervention, full and unencumbered title to this wondrous treasure was transferred from this older lad to me.

Mechanically, the pop gun was admirably constructed, though not unqualifiedly so. (Few born riflemen are ever satisfied fully. If they were, we should perhaps all still be shooting pop-guns.) A coil-spring-actuated plunger with leather gasket tip would, upon release by the trigger, create sufficient air pressure against a cork wedged into the .40-caliber tin muzzle, to produce a sound that was pure music to explosion-hungry ears. However, I soon came to realize that even the most nearly perfect thing on this earth is not yet completely perfect. The lightness of the cork projectile wreaked havoc with the trajectory and range. Missiles of greater sectional density and better aerodynamic shape, in the somewhat primitive form of bits of willow shoots, gave improved reach, but caused the loss of that so indispensable "plop." This fatal defect led me back to the original cork.

Then one day I made the delightful discovery that the cork could be used effectively upon actual game. With careful stalking from above to within about four inches, the large flat end of the cork would simply devastate a house fly. From that moment on I had a great time "hunting eagles" as I called this magnificent sport. I have been a confirmed hunter ever since.

For quite a while Mother wondered how all her windows got so smeared up for about a third of their height. As

was inevitable, one evil day I was surprised in the act of making a two-inch exit hole in a fly by splattering him over that wide an area on a pane of glass. From that moment on the house became an unequivocally posted—and vigilantly patrolled—game sanctuary.

Naturally, I was disconsolate. Life had suddenly gone flat, and no longer held any interest for me. But in time good health asserted itself, gradually forcing me again to pay some attention to my surroundings. Life, penned up, often plays 'possum; then takes to intently examining its cage for some means of escape. While rebellious thoughts coursed through my head, my sullen eyes, in casually sweeping over the kitchen floor, fell upon a little cluster of flies arranged in a circular pattern, all heads pointing to a common center for all the world like a football huddle. They were, investigation revealed, busily lapping up a bit of jam.

Suddenly a brilliant solution to my plight was disclosed. Necessity had once more mothered invention, though in this case there really remained nothing to invent. All I had to do was to borrow a jar off a cellar shelf. With this securely concealed inside my shirt, and my trusty pop-gun casually stuck under my arm, I hurriedly repaired to the horse stable. This structure contained several fine windows, and these were soon liberally baited with as fine a strawberry jam as ever moved hungry fly-lips to smack.

Now I enjoyed far better hunting than ever before, and that on my own private shooting preserve, with no one to let or hinder. Doubles, and even trebles, degenerated from the feats of special prowess they had once been, to the level of the commonplace. So strenuously did I devote myself to the ancient pursuit of Nimrod, that it was not long before the innards of my faithful gun went haywire. In attempting to fix it, I did what many an older and wiser shooter has done: I *fixed* it! The spring came out, plunger and all, and never would go back into the barrel.

To my frantic SOS for expert mechanical help, there was no parental reponse—except some grumbled threats to "stick the thing in the stove" if I caused any further trouble with it. This because of certain dark—and I regret to say not altogether unjustified—suspicions that I had with my pop-gun thoroughly banished all maternal instinct from a couple of sedate old setting hens, thus bringing spoilage upon three dozen Buff Leghorn eggs! Well, there was no cause for apprehension as to my future misconduct with the pop-gun. I hid the pieces in the loft under the hay. I must have gotten them too close to one of the chutes, for all that was to be found later was the spring-and-plunger assembly. I hung onto this as a religious devotee cherishes some sacred relic, until it was replaced by a worthy successor.

I wangled and teased, begged and coaxed, promised and was "good," refrained from making little sister's life miserable, industriously helped to harvest potatoes, and carried on and made such a nuisance of myself generally, that finally Dad gave me two bushels of potatoes to dispose of as I saw fit. I lost no time in trading them to a storekeeper for a real Daisy air rifle, and a tube of BB's.

Though the Daisy moved me to part with the useless spring and plunger of my first love, and though the air rifle effectively supplanted the other in the focus of my interest, nothing will ever displace in my affections that first pop-gun.

# OPEN THE GALLERIES

THE DAY of reckoning has arrived! The construction of additional range facilities, the improvement of roads, automobiles and snow cleaning apparatus and the rapidly increasing number of shooters have all helped to shorten the distance between shooting centers and to hasten the day when the organization of indoor competitive shooting on a national scale could be overhauled and shoulder-to-shoulder team competitions substituted for postal matches whenever and wherever possible.

The announcement of the new gallery program of pistol and small bore rifle team competitions will give shooters one more reason to remember 1939 as the year in which their—ancient—infant sport kicked over the traces with a number of innovations that completely altered the picture of organized competitive marksmanship.

This year marked the introduction of the N. R. A. classification system which made it possible for "Mr. Average Shooter" to compete in major tournaments for more than just the experience and the fun of shooting. This system of classification was established last spring with a warning that it would not be perfect in the first year and would need considerable revision before it would be 100 per cent correct. But this first year has definitely shown the merits of this method of classification which pays dividends on improving ability. Shooters now find themselves evenly and fairly matched in the competition for class awards and the Master Class shooters no longer find it necessary to shoot down in order to help a poorer shooter to break into the place medals on his lucky day.

The regional tournament plan has proved a similar boon to the outdoor competitive shooter. Twenty-six shooters at the National Matches are now sporting colorful brassards emblematic of their regional championships in the Expert and Master Classes. Some of these shooters may not have been able to participate at Camp Perry without the assistance afforded by means of the regional tournaments which assured every section of the country representation by not only its leading shooter but also its most improved shooter.

The third innovation is perhaps the most important and far-reaching of the three. It calls for the complete revision of the organization of gallery shooting with both rifle and pistol. It retains the flavor of established league competitions but it moulds them into a unified national picture which will bring the league winners into competition for state and finally national championships.

The new plan differs widely from the outline established for outdoor competition. While the man in the street may think that "shooting" is "shooting" there are actually more kinds of trigger-pulling than there are flavors of ice cream.

The indoor and outdoor games have of necessity developed along widely divergent paths. The outdoor form of competitive shooting has grown primarily into a man-against-man sport, featuring individual matches and large week-end tournaments. The indoor game has been developed along sociable club lines and is marked by strong club loyalty and team spirit. During the summer months the outstanding shooters keep the trunks of their automobiles loaded with guns and equipment, ready to dash off on a three or four hundred mile jaunt to compare their holding and wind-doping ability with that of others of their ilk. Less talented marksmen spend their week-ends practicing on the local range or competing in local matches or perhaps even venturing to the next town. When winter comes,

driving ceases to be a pleasure and even the most determined pot-hunter prefers the friendly atmosphere of the local club range where he can develop his own ideas of shooting with the aid of unlimited free advice from his club mates. Club spirit is at its height—team matches are a natural development.

And so the national organization of indoor shooting is based on club instead of individual competition and on a regular schedule of dual matches instead of on an intermittent series of open tournaments.

The plan evolved is very similar to the one which was successfully used by collegiate teams last winter. It is based on the operation of leagues which have been organized along natural lines. Leagues may be formed by a group of strictly civilian rifle clubs, or by a group of police agencies. Other leagues may be formed from among the employees of a large industrial establishment, with teams representing various departments of the organization. The sole restriction is that teams may not compete in more than one N. R. A. league.

Leagues are permitted a wide latitude in the arrangement of their schedules as long as every team fires against every other team at least once. They may begin to shoot scheduled matches as early as November and may continue to fire until as late as March 2. Whenever possible leagues should arrange to fire their matches on a shoulder-to-shoulder basis in order to build up the spirit of club and team loyalty which is engendered by group shooting and is built up by man-to-man contact with other organized teams. In those sections where the climate or topography make travel between clubs difficult, if not impossible, the postal match idea still remains as a not too satisfactory substitute for a shoulder-to-shoulder match.

The league plan will be followed with league championships based on the number of matches won and lost. No attempt will be made to interfere with league schedules which are already established either on a shoulder-to-shoulder or a postal match basis, but such leagues are now provided with an unbiased arbiter to settle disputes of scoring, range operation, prize awards, etc. Existing leagues will be permitted to continue to operate without change, using their own course of fire, handicap system, etc., as in the past. In the case of teams which are not affiliated with leagues and wish to enter the competition, the National Rifle Association will organize leagues, whenever possible keeping them within state lines. Such leagues will use the same course of fire as will be employed in the state and national championships for rifle matches: 10 shots, prone; 10 shots, standing; 5 shots, kneeling, and 5 shots, sitting; and for pistol matches: 10 shots, slow fire; 10 timed and 10 rapid. In the case of postal matches, targets will be exchanged by competing teams and all protested scores will be settled by the National Rifle Association. League schedules may be set up to start any time after November 1, 1939, and may close any time before March 2, 1940. The state championships will be conducted throughout the country on March 22 and 23 in all states with three or more leagues and will be followed two weeks later by the national championship on April 5 and 6.

There is now in preparation a special gallery league handbook containing all the information essential to the organization and conduct of leagues for pistol and rifle shooters. All club secretaries will be mailed complete details of the operation of this plan by October 1.

## RANDLE CLEANS UP WITH "PALMA".300 MAGNUM

Then goes on to sweep small bore events!

FT. WARREN, Wyo.—Thurman Randle of Dallas, Texas, didn't leave much in the way of prizes for the other shooters when he dropped in at the recent Matches here.

Shooting Remington Palma .300 Magnum, he won the 500- and 600-Yard Service Rifle Match with 99 and 14 V's; the 600 Any Sights (scoring the only possible made), and the 1000-Yard Any Sights, scoring 99 and 12 V's despite a heavy wind. He won three of the Bull Gun Aggregates, the 200-Yard Standing and the 600-Yard Prone.

In the 600-Yard Service he took second with 50 and 7 V's. Then he dipped into the small bore matches and came out with first place trophies in the 50-, 100- and 200-Yard Any Sights events, the 50- and 100-Yard Metallic Sights, the 50-Meter Any Sights and the Aggregate! All won with Palma Kleanbore.

### Wins at Ft. Worth, too

Down at the Southwestern Regionals at Ft. Worth, Randle took the 50-Meter Any Sights with 400 and the 100-Yard Any Sights with 399, still shooting Palma Kleanbore.

### Aust Wins three

R. W. Aust of Chickasha, Okla., another Palma Kleanbore shooter, won three events at Ft. Worth. He won the Any Sights Dewar, Expert Class, with 399, the Expert Class 100-Yards Metallic Sights with 397, and the Expert Class 50-Meters Metallic.

John P. Steele of Ft. Worth took the Any Sights Dewar with 400 and 28 X's, and Robert Campbell won the Expert Class 50-Yard Any Sights with a 30 X possible 400. Both used Palma Kleanbore.

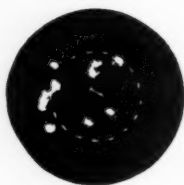
## WINNING SCORES OF AMERICAN PERSHING TEAM

*Yes, sir! The boys have lifted the Pershing Trophy from the British at last. Here are the individual scores:*

Wm. Schweitzer	100	99	398	Charles Hamby	98	100	
Carl Frank	100	99		J. O. Miller	100	96	394
	93	100	397		99	97	
	100	99			99	97	392
R. C. Pope	100	99		R. Berkheiser	100	98	
	99	99	397		99	95	392
Willis Kenyon	99	100		Merle Israelson	99	98	
	100	98	397		100	95	392
R. D. Triggs	99	99		Team Scores	991	987	
	100	98	396		997	975	3950
Harold Allyn	99	97		British			3931
	100	99	395				

Carl Frank used a Model 37 and Peters Dewar Match. R. C. Pope also used Dewar Match. R. D. Triggs used Palma Kleanbore, and Harold Allyn the new Targetmaster. Charles Hamby and J. O. Miller both used Model 37's and Palma Kleanbore. R. Berkheiser used Palma Kleanbore.

## THE TARGET OF THE MONTH



Who says rifle shooting is a young man's game? Here's a 10 X possible at 100 yards by Dr. H. A. Kelsey of Kokomo, Ind., who was born in 1875. He used a Model 37 and Palma Kleanbore—would like to start a club of three-score-and-more shooters who have turned in 10 X's. Any applicants?

## CANADIAN CHAMP WINS TITLE WITH MODEL 37

MEDICINE HAT, Canada—James R. Edmunds of this city won the Dominion of Canada Small Bore Championship with a perfect score of 600 x 600. He used a Model 37 rifle all the way.

## One-Two for Model 37

OSSINING, N. Y.—First and second places in the Outdoor Championships here were won with Model 37 rifles. G. W. Morehouse was first with 395, and W. P. Schweitzer second with 394.

## POSSIBLES and IMPOSSIBLES

by FRANK J. KAHR



By the time you see this, Camp Perry will be well under way. Wait'll you see what the boys do with that sensational new Targetmaster ammunition of ours!

There'll be things happening at the big bore range, too, what with that hot Remington Palma .30 '06 and .300 Magnum ammunition. Notice the way Thurman Randle's been cleaning up with it in the Southwest? And he's not the only one!

CORRECTION, PLEASE! In justice to Paul Poe, Rock Island, Ill., we mention here that he and not Al Freeland won the Aggregate at the Third Annual Eastern Iowa Tournament at Muscatine in June, despite the official bulletin which showed Al high with 2371. When they checked Paul's score they found he had 2 points more than he was credited with which gave him 2371 against Al Freeland's 2370. Sure it was Remington ammunition!

Boy, what a job I had picking the Target of the Month this time! I've got a 50-shot group outdoors at 100-Yards made with Palma Kleanbore by F.W. Matthews of La Fayette, Ind. It measures 1 1/4" horizontally by 3/4" vertically, outside measurements! It's hard to count the X's but it looks like about 45. Then I've got a 10-shot group at 50-Meters, Metallic Sights, made with Palma Kleanbore by H. L. Hunsley of Edinburg, Ill. All 10's. One shot barely touches the 10-ring line from the inside—the other 9 are well inside the line! And from Robert J. Lafferty of Aurora, Ill., comes one of the tightest 10X groups at 100-Yards I've ever seen. Not one shot even touches the X-ring line—they're all well inside. Outside measurements are 9/16" x 7/16". He used Palma Kleanbore, too!

Then there's a sweet 191 x 200 off-hand at 75 feet made by Hans K. Schmid of Callery, Pa., with a Model 37 and Palma Kleanbore. Also a 400 over the Dewar Course by Riley Kellogg of Tucson—plenty of wind blowing, too. Kellogg used Palma Match—also won the Aggregate at the Phoenix Shoot. In addition, I have a neat 10 X by W.T. Bryan of Athens, Ga., using regular Kleanbore, and another by H.R. Schulz of Meriden, Conn., made with Palma Kleanbore.

However, Dr. Kelsey's performance was so unusual that I finally decided to pass him the laurel.

Dick Dorian took the Dewar out at the recent Missouri State Matches, using Palma Kleanbore.

# TARGET AND MORE

## SAYRS TAKES TWO FIRSTS—TWO SECONDS AT OHIO STATE MATCH

MANSFIELD, O.—Bill Sayrs collected prizes in no less than four events at the recent Ohio State Matches here. Shooting Palma Kleanbore, he won the Any Sights Dewar and the 100-Yard Metallic, and placed second in the 100-Yard Expert Target Any Sights and the Grand Aggregate.

Dorothea Kelly of Akron won the 50-Meter Metallic with 399 and Edson Klinkle of Toledo took the 50-Yard Expert Target Match with 389, both shooting Palma Match.

## 5 OUT OF 7 AT ALTOONA

ALTOONA, Pa.—P. Bissell had his Model 37 working smoothly at the recent shoot here. He won the 100-Yard Iron Sight Match and the Aggregate of Matches 4 and 5, an Iron Sights Dewar course, scoring 399 and 18 X's. He used Palma Match.

P. Warner was another double winner, taking the 50-Yard Expert Any Sight with 196 and the Aggregate of Matches 1 and 2 with Palma Kleanbore. F. E. Furick, another Palma Kleanbore shooter, won the 100-Yard Any Sight Match with 199.

## NEW PISTOL RECORD SET BY BERUBE

HARTFORD, Conn.—Scoring 20 out of 250 in Match "Q," indoors at 20 yards, Mr. "Nap" Berube set this city beat by one point the new world's record for this event held by J. F. Dodson.

Mr. Berube used Remington Kleanbore ammunition.

## Tanner Sets Middle Atlantic Pistol Record

Highlight of the 1939 U. S. R. Middle Atlantic States Championships was the new record set by Dr. Herbert G. Tanner of Wilmington. His score of 279 x 300 exceeded the previous record by 4 points.



# TARGETMASTER, "PALMA KLEANBORE" MODEL 37 STAR AT 17 STATE SHOOT

## TWO SECONDS SECOND AT TACOMA



TACOMA, Wash.—Shooting a Model 37 and Palma Kleanbore, Ned Cutting of Tacoma won the Championship Aggregate here with 596 x 1600, and also took 2 cups, gold, silver, and bronze medals and the Pacific Emblem Trophy. He fired 178 shots, including sighters, of which 173 were tens!

## CUTTING HAS PICNIC

ASADENA, Cal.—Ned Cutting, Glendale, dropped in at the Crown R & R Club Merchandise shoot. He finished up with a basket of groceries, while Ralph Miller took a case of beer as second prize. When last seen, they were headed for the hills to hibernate while the groceries and beer lasted. A Model 37 and Palma Kleanbore were used.

## "PALMA KLEANBORE" TAKES 5 AT VIRGINIA

AMPTON, Va.—"Palma Kleanbore" shooters were in rare form as H. M. Van Sleen won the Nab Trophy, Hugh Riley the 50-Meter and the 50-Yard events, and Chester Woo the 100-Yard Individual with his Model 37. Bill Lockwood won the 200-Yard event.

## 3 Firsts, 2 Seconds at Delaware to Chidsey

Francis Chidsey, Jr., tried that new Targetmaster, liked it, then went to Wilmington and won the Tidewater Championship with it. He also won the Marksman Aggregate, the 50-Meters, and took two seconds.

## KUHN CLEANS UP WITH M37 & "TARGETMASTER"

INDIANTOWN GAP, Pa.—Top man at the Annual State Tournament here was Fred Kuhn, top ammunition was Targetmaster, top rifle the Model 37.

Kuhn started off by winning the 50-Meter Iron Sights with 398. He was runner-up in the Any Sights Dewar, won the 50-Meter Aggregate and ended up with top score in the Grand Aggregate.

Another shooter who found the Model 37-Targetmaster combination hot was T. K. Stratton, who won the 50-Yard Any Sights with 400 and 26 X's. Frank Frohm, also shooting a Model 37, won the Dewar Iron Sights with 399 and 24 X's, and also the 50-Meter Individual with a clean 400.

## RECORD SWEEPS FIELD AT TULSA



TULSA, Okla.—The Magic Empire Shoot was a great day for Frank Record of Wichita Falls, Tex., and for the Model 37 and Targetmaster. Record won the Grand Aggregate by 5 points, the Any Sights Aggregate by 1X, teamed with R. W. Aust to win the 2-man event (Aust also shooting Targetmaster) and placed second in the Dewar.

## Rutbell Wins at Elmira



ELMIRA, N. Y.—Shooting against a field of 51, Clarence Rutbell, of Binghamton, won the Aggregate at the recent tournament here, scoring 790 and 45X's with Palma Kleanbore. Greg Allen was runner-up with 34 X's, shooting Palma Match.

## NED MOOR GETS HOT WITH "TARGETMASTER"



Ned Moor of Detroit, Mich.

One of the most outstanding figures in 1939 small-bore shooting is Ned Moor of Detroit. He has shot in practically every important registered and regional shoot from the middle west eastward to Vermont, including Camp Ritchie, Camp Grant, Vandergrift, University of Chicago, Akron, Erie, Ft. Devens and Elmira. He has not come in worse than third in any Grand Aggregate, was second twice, and in most cases the winner. In Individual Matches, particularly the Dewar Course with Iron Sights, he has been consistently on top.

One of his latest achievements was a clean-up at Vandergrift, Pa., where he won the Any Sights Dewar with 409, the Iron Sights Dewar with 399, and the Iron Sights Aggregate with 1539. His next big shoot was Elmira where he took the 50-Yard Individual with a 197. He and Captain Jim Noxon of Syracuse took the Two-Man Team with 796, both shooting Targetmaster. He also took the 50-Yard Individual with 398, the 50-Meter Iron Sights with 399 and 23X's and wound up by taking the Grand Aggregate with 1785.

Ned has shot nothing but the new Remington Targetmaster ammunition this season.

## THOMPSON SCORES 800 AT 50 METERS AT AKRON

AKRON, O.—Franklin Thompson of Pittsburgh matched the remarkable performance of Harold Allyn at Camp Perry in 1937 by scoring 800 x 800 in the 50-Meter Any Sights event at the Zeppelin Shoot here.

Four 400's were scored in the 50-Meters and two shoot-offs were necessary. Thompson used the same combination as Allyn—a Model 37 and Palma Kleanbore.

Other winners included F. P. Schimmel, who took two events, and Charlie Whipple, both using Palma Kleanbore.

## MODEL 37 AT FLINT

FLINT, Mich.—Two M37 shooters shared honors at the recent Mid-Summer shoot here. Wilbur Miller of Saginaw won the 50-Yard Any Sight with 400 and 35X's. C. W. Ferguson won the Any Sight Dewar with a 400. Both Palma Kleanbore.

## Winfield Wins in N. J.

ALLENDALE, N. J.—C. S. Winfield, Jr., won the recent Passaic County Championship here, shooting a Model 37 and Palma Kleanbore. C. W. Tilley won the Iron Sights Dewar, Major Mark R. M. Gwilliam the 100-Yard International and the Aggregate, and J. Holle the Junior title. Major Gwilliam mixed ammunition, but used some Targetmaster. The others used Palma Kleanbore.

## BALDWIN SWEEPS TWO OREGON SHOOT

MEDFORD, Ore.—Neil Baldwin of Portland was in even better than usual form at the recent matches here. Using Palma Match ammunition, he won the 100-Yard Any Sights, the 50-Yard Any Sights, teamed with Lee Swem of Portland to win the Dewar Doubles, and took the Grand Aggregate with 1982. Ivan K. Waddell of Medford won the Dewar Iron Sights, and Shelby G. Tuttle the 50-Yard Iron Sights, both shooting Palma Match.

At the Clackamas Range, Baldwin won the Prone Aggregate and the 100-Yard with Palma Match.

# "IT LOOKED LIKE A DEER"

By LESLIE CHILDS

AS WE ENTER INTO the deer hunting season, the usual casualty lists detailing mishaps in this field may be expected. Some of these accidents may be unavoidable, but this is not generally true in that predominant class of cases in which a man is mistaken for a deer. Here, nine times out of ten, where tragedy results, the hunter has only that stock excuse, "it looked like a deer to me."

A lame excuse indeed, unless bolstered by unusual facts and circumstances. And, as a general rule, it amounts to a confession of fault, for the courts have repeatedly held that to shoot "when in doubt" constitutes negligence; and in the face thereof about all there is left for a court or jury to do is to assess the damages. Now let us see.

## Deer Hunter Takes A Chance

In a recent case, the plaintiff and the defendant were members of a deer-hunting party. The plaintiff's stand in the area covered was about 500 feet from that of the defendant, and a large briar patch between them cut off their view of each other. About 5 o'clock in the afternoon, as dusk approached, the plaintiff assumed the hunt was over, and walked some distance from his stand to pick mushrooms.

The plaintiff was dressed in a khaki hunting outfit, similar in color to a deer, and as he moved about the defendant fired upon him, mistaking him for a deer. Plaintiff was seriously injured, and sued defendant for damages. Upon the trial of the case, the defendant testified, in part, as follows:

"I heard a rustling in the underbrush, I figure about 30 minutes or so, approximately, before I fired the shot. So I waited until I could hear it really distinctly—I thought it was a rat or something. So I waited for 15 minutes approximately, and I still could hear it in the brush—it was about on a forty-five degree angle. So I waited a while longer, maybe five or ten minutes, and the noise was still in there, and I moved off about 20 or 25 feet, off my stand.

"There was a big briar patch there about a hundred or two hundred feet long. I thought I would move over about 20 or 25 feet to try to get a good view of it, and as I did, I stooped and looked into the briars, and I could not see anything, and I stooped again, and I took a shot the fourth time. I seen something brown crawling with something white either crawling or walking, so I shot, thinking it was a deer. \* \* \*

On the foregoing and other evidence, the trial resulted in a judgment for plaintiff for \$10,000. The defendant appealed. The higher court in stating the general rule of care required of hunters before firing, and in affirming the judgment, had this to say:

## The Language of the Court

"We believe \* \* \* ordinary regard for the safety of human life and limb requires a hunter, before firing his gun at an object, to look carefully in order to see the unmistakable distinguishing characteristics between a human being and a deer or other animal. If his view is obstructed by weather conditions and underbrush, he should refrain from shooting until he can see clearly.

"Requiring a hunter to withhold firing until he makes certain that he is shooting at game and not at a human being might cause him to fail, on some occasions, to bag his game, but would likewise tend to prevent those who enjoy this line of sport from hastily and carelessly firing upon one

of their companions or some other member of the public. We conclude that the defendant was guilty of negligence.

"Since we are of the opinion that a hunter must withhold firing until he can clearly observe parts of the anatomy of the animal which he intends to kill, it necessarily follows that the proximate cause of the accident, as a matter of law, was the negligence of the defendant in failing to do so. \* \* \* The judgment appealed from is affirmed."

So much for that case. And now let us turn to another.

Here the defendant employed the plaintiff as a guide on a deer-hunting trip. The defendant took up a stand, and the plaintiff made a circuit in the underbrush for the purpose of driving deer within defendant's range. Plaintiff wore a sweater and gray trousers. As he returned from his circuit, defendant fired upon him, thinking he was a deer. Plaintiff sued for damages. In describing how the accident occurred, the defendant testified:

## Hunter Fires At "Flash"

"I just saw a flash, and turned around and dropped my gun at the object causing the flash, in readiness to shoot. I was not, you might say, real sure whether the object was a man or a deer. The object was stationary for an instant. Then it kind of jumped. It looked to me like a deer. I could see from its shoulders down. \* \* \* It looked like the fore part of a deer, and I fired."

On the above evidence, plaintiff had judgment for \$5,000. The defendant appealed, and the higher court in reasoning on the legal weight of defendant's own testimony, among other things, said:

"To shoot upon merely seeing through the underbrush a 'flash' then apparently, two supports, about the length of a man's limbs, for the body of something, and a quick movement—not waiting to observe the upper part of the body, particularly the head—as defendant confessed was the course he pursued, might naturally \* \* \* lead to just such a distressing occurrence as happened. \* \* \*

"We consider that [defendant's testimony], as a matter of law, a confession of culpable negligence. One would, naturally, think that a reasonably careful man, circumstanced as defendant was, would reserve his fire till he could observe the trunk of the object attracting his attention, and probably the head—not take the chance of what appeared to be the shoulders and fore legs of a deer, being in fact the lower part of the person of a human being." The judgment against the defendant was of course affirmed.

## Conclusion

The facts and circumstances in the foregoing cases are fairly typical of hunting-field accidents growing out of a man being mistaken for a deer. Accidents that are usually as distressing and grief-provoking (they frequently involve dear friends) to the one doing the shooting as to the injured person; accidents that, in the great majority of cases, could have been avoided by the exercise of reasonable care.

And, as to the law thereon, the cases reviewed fairly represent the holding of the great weight of authority, that to fire when in doubt constitutes negligence. So that, in the absence of palpably contributing fault on the part of the injured person, liability for any resulting injury follows. And, in so far as a defense is concerned, a quick-on-the-trigger hunter will rarely find aid or comfort in that old stock excuse, "It looked like a deer."

# HIP-SHOOTING

By ELMER KEITH

VERY fast and accurate hip-shooting with a sixgun is not the myth that many would have us believe. With enough practice the automobile driver knows exactly where each front wheel tracks, and can dodge very small rocks with ease, even though he cannot see the front wheels. The baseball player learns to swing a bat with sufficient accuracy to hit a straight-thrown ball each time, even though the ball is simply burning the breeze. The tennis player learns the same things through practice. Likewise, the typist can hit any key on the typewriter without looking, and do it instantly. The small boy soon learns to throw a rock or snowball with sufficient accuracy to hit a man every time up to ten yards. The flycaster does not aim, or see his fly until it sails toward the target or spot where he wishes to place it, yet the fly can be cast accurately enough to hit even a grasshopper floating on the water. Why, then, should so many shooters deem it impossible to hit things with a sixgun from the hip in average quick-draw time?

Almost anyone can point his forefinger at an object with reasonable accuracy, and hip-shooting with a sixgun is not nearly as difficult as many of the things above mentioned. It is simply the result of careful, conscientious practice—no more difficult to learn than any other sport, if as difficult as some. In time the sixgun merely becomes a prolongation of that pointing index finger. Men who have habitually carried and used a sixgun over a long period of time, especially in the open Western country, will automatically reach for their gun if they step on a snake, or something startles them. It is just force of habit. Many of them can also use those same guns swiftly and accurately, even though they do not take time to raise them much higher than their belt. They well know by the feel of the gun where it is pointing. They can also point it instantly at any object by the age-old poking method, the instant the gun clears the holster. This is the most accurate method of hip-shooting, and only one hand is necessary. Many who have never seen such shooting class it with the mythical dodo bird, yet there are plenty of men right in this country who can do very fast and creditable hip-shooting. Simply because a person has never himself seen a thing done is no proof that it cannot be done, or that it has not been done, perhaps many times.

As in all other forms of shooting, the more one practices, the more proficient he becomes. Hip-shooting is not nearly as difficult as standard target shooting with a sixgun. The main thing is to get the right equipment, and then practice—a little each day, if possible; and if this is continued over a couple of years, almost anyone can become proficient at the game. And it is not just a game, but one of the most valuable phases of sixgun work, once properly mastered. True, it makes a spectacular stunt for the exhibition shot, when performed with either one or two guns, but the real value in one's ability to plant a sixgun slug where he wants it in the least possible interval of time, lies in the confidence it gives him, be he officer, soldier, or civilian. If he knows he possesses this ability, he is much more apt to act sensibly in an emergency, while if his life is at stake he will give a good account of himself.

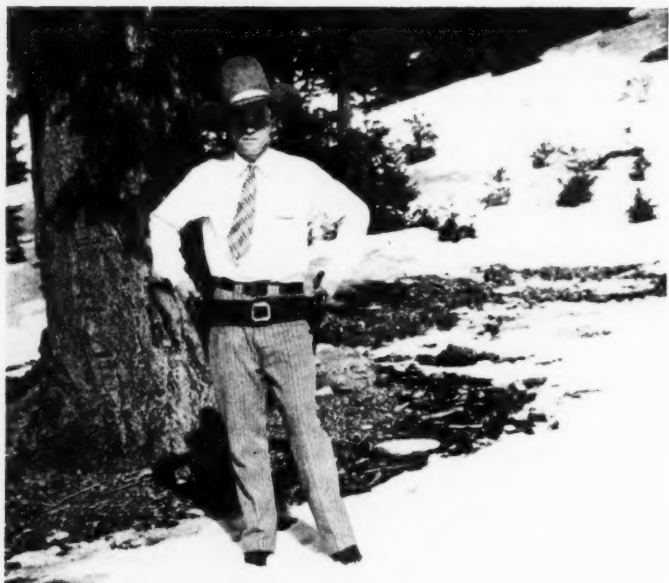
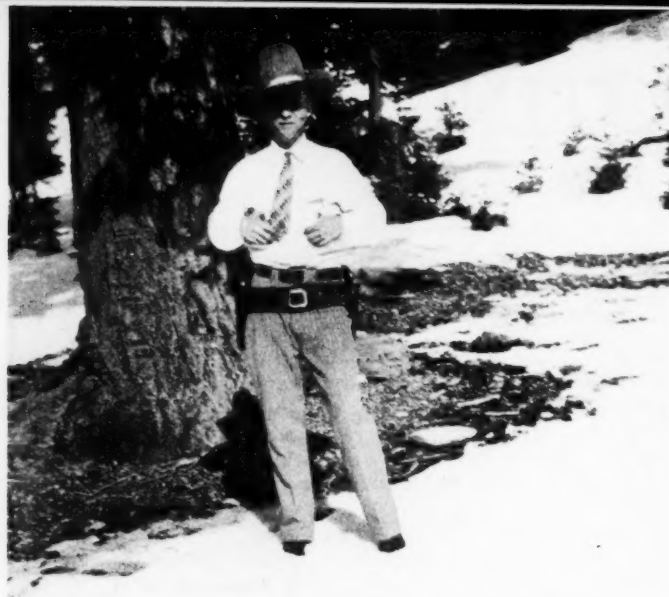
As in many other forms of shooting, after this stunt is practiced long enough, the subconscious takes control over the muscles in an emergency. I remember once when a friend and I were walking down a cow trail in the sage

brush in Montana, our bridles on our left shoulders, looking for a couple of hobbled, but strayed, cow ponies. Though it had been a hot, sultry night and the morning was already warm, the sun had not yet peeped over the low-lying hills to the East. Neither of us was paying much attention to the trail, as the tracks of our horses were as plain as a newspaper. We were watching the breaks off to our left toward the Missouri River, where we thought the nags would feed and finally keg-up for a snooze. Suddenly I felt the squirming of a big, heavy rattler under my right foot, and simultaneously heard the warning buzz of his rattles. With a yell to my partner, I jumped high in the air and to the left. I remember the jar of my .45 S. A. Colt in recoil at the second shot after my feet hit the ground, but was not conscious at the time—nor did I remember later—of drawing that gun and putting a slug through the coiled reptile while I was still in the air. However, my partner swore that I drew and hit the snake in the middle while still in the air, and the bullet holes through the snake, as well as the two small billows of gun smoke on the still morning air, proved that the subconscious part of my mind had taken care of things in that emergency.

Another time, when still a small lad, I was running a line of coyote and bob-cat traps. On a steep ridge I had built a trap pen for a cat, at the base of a big fir tree. The pen had been arranged with two walls of rocks extending out from the roots of the tree, and covered over with fir boughs. Then, with a jack rabbit for bait and a No. 3 Newhouse carefully concealed in the entrance, the set was complete. One day, on one of my trips over the line, the trap pen was conspicuous by its absence. A pile of boughs, badly chewed up, and some scattered rocks, were all that remained of my cat set. I had nailed and stapled the ring of the chain to the heavy root of the tree, and covered it with fir needles; but no chain was in evidence. The tree stood on the edge of a steep cliff to the west, while the mountain sloped away gradually to the east. Naturally thinking that the cat had broken the chain and gotten away with the trap, I knelt down and began digging in the fir needles at the base of the tree, to locate the remaining portion of the chain. Then I heard something just over the ledge, and, kid-like, I poked my head over to see. A big tom bobcat sat there on a narrow ledge, with his head little more than a foot from my face. He jumped right in my face as I threw myself backwards. I landed flat on my back, full length, with the kicking cat on my legs and belly. Again I have no remembrance of either drawing that old .45 S. A., or shooting. But the 255-grain slug, propelled by 40 grains of black powder, struck the cat in the right side of the neck, and emerged back on the left side near the shoulder, shattering the spine of the neck. The cat was dying when he landed on me. Again the subconscious had automatically taken care of things, and I had drawn the old gun and shot from the hip even as I threw myself backwards. Had I not done so I would have had my tummy and legs scratched up some, no doubt, as the cat was caught by one hind foot, and there was some four or five feet of chain on that particular trap.

On still another occasion I had trapped a big cougar that later proved to weigh 200 pounds with nothing in his stomach but a few wilted porcupine quills and the soles of a porcupine's feet. The big tom was hooked by only two toes of the right forepaw, and had traveled down the





canyon about half a mile from where the set was made, on a deer kill. He had chewed off numerous small aspens, and finally tangled the short, light toggle and extra trap around a snow brush. The toggle was a section of dry and very light aspen some 2 or 3 feet long and about 3 inches in diameter, and the two traps had their rings wired together and then to the toggle. One trap was a No. 14 Newhouse with offset jaws and teeth, and this had hooked the cougar. The other trap was a standard No. 4 Newhouse. I had covered both traps with deer hair that the old boy had licked from the deer carcass the day before, and he must have hit the No. 14 trap on his first step near the carcass, for nothing had been disturbed. The only evidence was the two holes in which the traps had been concealed, and from which they had been jerked in the first wild leap.

When I first spotted the cat he was tugging silently at the trap, and had not seen me; but when I purposely stepped on a dry limb in the snow, he looked my way, stopped trying to free himself, and sat down to await my approach, just like a house cat. I determined to get some good pictures of him, and, walking up to within eight feet, took a couple of snaps. When I would yell at him, or stamp my foot, he would lunge toward me, open his big mouth, and hiss and growl. Seeing that he was very lightly hooked, and that the toggle also was only lightly caught, I was afraid to get him riled up too much. I was very anxious to get a picture of him with his mouth open and growling at me, but each time I looked down into that cursed indirect finder, he would close his mouth and lie down in the willows. I was snapping the pictures with my right thumb while I held a cocked S. A. Colt .44 Special in the same hand. Finally I got a good exposure of the cat lying broadside and snarling at me. Then he turned away, after lunging toward me and growling, and lay down with his rump toward me, and looked off up the canyon. I knew that he could not then see me, but by the way his tail twitched I knew also that he was up to something. Nevertheless, knowing that gun, I determined to take one step nearer and get a snapshot that would fill the picture with cat.

I never got that picture. When I raised my left foot and took that one careful step forward, the first thing I was aware of was the big cat in the air and headed my way, with his tail sticking straight up and his left fore paw spread wide and reaching for me. He came on a level with my head. Both gun and camera were held belt-high, so I flipped up the barrel of the sixgun and shot from the hip, at the same time throwing myself as far down the mountain to the left as a prodigious jump would carry me. At that, the cat went right over my right shoulder, but I noticed his teeth snap shut and his head drop down on his chest as he flashed by. He landed flat on his belly, with his left fore paw still stretched out in front of him, and the right one back along his side with traps and toggle. His tail was still sticking straight up in the air, and came down slowly behind him in the snow. He was evidently completely paralyzed except his head and neck, for though he bit at everything within reach of his head, he could not move a leg. So I did not shoot again, even though I landed down the hill with the gun cocked and on his shoulders. I had only light loads in the gun (the Keith-Lyman 250-grain solid bullet and 9 grains of duPont Shotgun), but the big flat-pointed slug had struck square in the chest and ranged upward, cutting the aorta and lodging in the spine between the shoulders. It had cut a half-circle of skin from the cat's lower jaw before hitting the chest. I dragged him out into the open, using his tail for a handle, and took another picture before he died.

That was one more time when good hip-shooting saved more than my hide, for that cat would have made short work of any man. It is one thing to tree a cougar with dogs, when he can be shot out with a .22 rifle, and quite another to trap him, have him fight a trap all night, and then tease him to get a good picture when he is already in no amiable mood. In such cases cougars will fight a buzz-saw, though ordinarily they are the greatest cowards on earth. I will never forget the sight of that big cat in the air, a few feet from my face and coming amid a flurry of snow and flying traps. A movie camera could have recorded some interesting facts about the big cats then.

All hip-shooting practice should include quick-draw work at the same time, for accurate hip-shooting is of no value without the ability to get the gun instantly in an emergency. And hip-shooting is only for an emergency at close range—say ten yards or less; then it is a very valuable asset if the shooter can draw the gun and get the shot off in a very short space of time. In all hip-shooting practice a good holster must be used to obtain any definite results. For big, heavy guns there are two types of holster: the cross-draw (with the gun butt resting just to the left of the belt buckle—for right-handed shooters—and the holster set on a slant with the gun butt tipped down toward the belt buckle); and the old cowboy holster slung on the right hip (for right-handed shooters) with the gun butt about on a level with the top of the hip bone, the butt leaning forward. For either the cross draw or the hip draw, the gun butt, hammer, and trigger should be fully exposed. On double-action guns the trigger guard should be open at the forward end.

There are two exceptions: the Berns-Martin Speed holster, open at the front with the gun held by a spring clip; and the King Gun Sight Co. Speed holster. With the Berns-Martin holster the gun butt is rocked forward out of the spring clip, with pressure downward on the gun butt; then the muzzle is flipped upward in line with the target, and the gun fired (if the range is very close and utmost speed important), or else the gun is poked forward toward the target and fired at the same time, much as you would poke your finger at anything. With the King holster only the forefinger is used to release the gun. When the forefinger is pressed against the back of the holster through the trigger guard, it releases a catch, whereupon the whole outside portion of the holster opens at the front and flies back out of the way. The gun can then be flipped upward and fired, or poked forward and fired at the same time. The poking method is always the more accurate, though not quite so fast.

For the S. A. Colt, the best hip type of holsters are made by the George Lawrence Co. of Portland, Oregon, and by S. D. Myers of El Paso, Texas; while any number of saddle and holster makers produce good, reliable cross-draw holsters. For the Colt Single Action, nothing is as good as the hip holster, but for the double-action gun, when used double-action (as it should always be in such work), the cross draw is very fast indeed, and for some shots is faster than the hip draw; for example, when the target is to the left of the shooter (or vice versa if he be a southpaw). However, with the target in front of the shooter, the hip draw will prove the faster of the two.

I have thus far found only one shoulder holster that will permit of fast quick-draw work, and that is the upside-down Berns-Martin Speed holster for two- or three-inch-barreled guns of the Detective Special type. Intended mainly for plain-clothes men and civilians, this is a very fast draw with a concealed gun and using the right hand, while the gun can be reached readily with the left hand in



*At left: The three stages of a two-gun quick draw*

*Above: In action*

*Below: Working on the stump*



an emergency. This holster holds the little gun muzzle-up, top of gun toward center of chest, the gun riding about over the left breast shirt pocket, with muzzle on a line with top of pocket.

So much for holsters. But do not attempt quick-draw and hip-shooting without such an outfit, for to do so is dangerous. For example, two friends of mine were practicing hip-shooting and quick-draw, using the front pants pocket as a holster for a .45 S. A. Colt. When one of them was drawing and cocking the gun, the front sight caught on the top edge of his pants pocket, spinning the gun butt forward out of his grasp and elevating the muzzle in line with his side, and pressure of the trigger finger fired the gun. The heavy slug penetrated cleanly through the man's right side above the hip, and out of his back, then struck his friend in the left arm, ranging back and lodging behind the elbow. Happily, they both made nice recoveries in a short time.

And now, with the necessary equipment at hand, let us take up this hip-shooting business, and lay down the fundamental principles that must be followed in order to become expert at the game. It would take a small volume to completely cover all phases of the subject, but the following should prove useful and convey a general idea of the whole thing.

First and foremost, make no attempt at fast work to begin with. Practice with the gun filled with *empty cases*. Begin by practicing reaching for the gun and grasping it exactly the same each time. With S. A. Colt guns, practice placing the thumb on the hammer-spur and the forefinger either on the front edge of the trigger guard or just inside of the guard, as you grasp the gun. Then, if you are using a closed type of holster, slowly cock the gun as you pull it up out of the holster. Keep the thumb on that hammer-spur, even if it is full cocked, until the gun muzzle clears the leather and is flipped upward toward the target; then, and then only, drop the thumb to the side of the frame, and tighten up on the trigger as you poke the gun toward the target. Do not hurry at all during the first several days of practice—just reach for that gun and go through the procedure each time, slowly and methodically, until it becomes a habit and you automatically do it right. Then, and only then, are you ready gradually to increase your speed as you practice daily. In time you can get the draw-and-hit on a man-target at close range down to around one-fourth of a second, which is about the limit with any type of arm. With double-action guns, always use the double action, and practice grasping the gun exactly the same each time, with the finger on the trigger. Apply little pressure until the muzzle comes up and is flipped toward the target by a turn of the wrist, then operate the double action as you poke the gun at the target. For fast work in the hip draw, always tie the holster down with a leg strap or thong. With the Berns-Martin Speed holsters for the Single Action, you grasp the gun in the same way, with thumb on hammer-spur, and push the gun butt forward, pressing downward on the gun as well. As the gun is pushed forward the thumb draws the hammer back to full cock, but remains on the hammer-spur until the gun muzzle starts its upward swing.

You cannot be too careful at any time, but if you go slow during the first several months of practice, acquiring speed gradually after you have fully mastered the safety end, you will succeed.

In all so-called hip-shooting, never look at the gun. Focus your eyes upon the target—whatever it happens to be—and keep them there, paying no attention whatever to the gun, which is the business of your hand and arm, not

your eyes. Stand loosely, with feet fairly far apart to avoid body sway and give you a firm stance. Under no circumstances should you ever tense the muscles of your gun-arm. The more loosely you can hold that hand and arm, the more quickly they will react to the mental impulse to draw the gun. In a gun fight, any such visible stiffening of the muscles would only be a warning to your opponent of your intended action. Take plenty of time at first, and after you have thoroughly mastered the mechanical end of things, and are snapping with the gun always pointing on or very close to the target, practice for a time with a friend standing at one side to check the elevation of your gun barrel, and tell you if you are too high or too low. It is easy to throw a slug in line with any object, but it takes time and lots of practice to acquire the knack of getting elevations right.

The grip of the gun is also a very important item in this matter of elevations, the Colt S. A. having the best-shaped grip, as well as the best *angle* of grip, of all guns for hip-shooting. Next come the double-actions, either S. & W. or Colt, the former fitting my hand much the better of the two. Also, the hump at the top of the S. & W. grip suits me much the better, as it keeps the gun from rolling upward in my hand in fast double-action shooting. Stick to one gun, and practice with it until it almost becomes a part of you and you can easily and instinctively point it at any object in a minimum of time.

Practice with loaded ammunition should always be done outdoors where you are sure of having plenty of room for safety; and at first practice with just one cartridge in the gun and one shot for each draw. Never try to fire more than one shot until you are able to hit relatively small objects at from five to ten yards most of the time with one shot. Then—but only then—try two loads in the gun. Using the S. A. Colt, when the gun recoils upward, hook the thumb over the hammer-spur, and as you bring the gun down on the target again, you automatically cock the hammer. Do this each time, whether you use just two cartridges for each draw, or five.

When using double-action guns, always fire them double action; and you will soon find that this requires a firmer grip on the gun. In firing two shots after a draw, the double-action pull for the second shot is begun while the gun is pointed upward from the recoil of the first shot. Again you employ the poking method, and the heavy double-action pull helps you to bring the gun back on the target. I believe that with practice the double-action guns are the fastest of all for such shooting—when one wishes to put six shots into an object in the least possible time. For me, at least, they are much faster than the automatic, as with the latter the trigger pull is too light to assist in bringing the gun down on the target; and while perhaps you can actually *shoot* the automatics faster, I have yet to see them perform as accurately in very fast work. It is always best to fire just one shot at a time with the double-action guns at the beginning, then go to two shots, then to three, then to all six in two strings of three each. Finally you will become so adept that you can fire all six shots very fast, and yet closely group them at any close range.

After becoming proficient with one gun, you may wish to use two guns at the same time for exhibition purposes. In this case get good holsters; also the guns should be as nearly alike as possible. Begin at the beginning again, and use both guns with empty cases until you have trained that left hand to duplicate the performance of the right. When this has finally been accomplished, try always to fire both guns together; that is, pull both triggers at the same time for each shot. Two heavy double-action sixguns



create quite a disturbance if drawn and fired fast at some object on the ground.

I once put on a couple such exhibitions, shooting at a gallon tin can at some six yards at the start; but that can was twenty yards away, and torn to ribbons, in a very short space of time. A set of pictures (two of which are shown here) covering a similar stunt, but shooting at an old rotten stump some 18" high by 8" in diameter, at ten yards—using both guns very fast from a Berns-Martin two-gun quick-draw outfit—clearly shows the stump going to pieces under the rain of lead. For this series of pictures I used a S. & W. Outdoorsman in the left hand and a S. & W. Triple Lock Target in the right, both with heavy loads. The lighter recoil of the .38, however, constitutes a serious handicap in this stunt. The first shot from each gun registered low, but the ten other shots all went through the stump.

In all hip-shooting practice it is best to shoot first at objects on the ground in front of you, so that the bullet splashes in the dirt can be instantly noted, and a change in elevation made with the gun-hand if necessary. Shooting at small objects on the water is equally good. A gallon tin can is about as good a target as you can find to begin with. Place the can, say, five yards from you, and after you can hit it at each shot with certainty and fair speed, gradually increase the distance. I have upon a few occasions hit small objects from the hip at considerable range, but this is just a stunt, and whenever the object is more than ten yards away, one will usually have time for aimed fire—unless the object happens to be another man who is shooting at you. I much prefer large-caliber guns for this work—not less than .38, as the .22 calibers very often fail to throw up enough dirt to be instantly noted and allowances made for the next shot.

As with all types of sixgun work, the more you practice the better you will become; and the man who will conscientiously train himself along the lines suggested here would be a valuable asset to any police organization. Furthermore, he will have a much better chance of living to a ripe old age should he become a peace officer, or be called upon by our Uncle Samuel to defend our country.

## TREASURY DEPARTMENT RULING

SINCE THE ENACTMENT of the Federal Firearms Act many owners of remodeled guns, especially Springfields which had been rebuilt into sporters, have been wondering about their exact status under the provisions of paragraph 2-i of the Act, which reads as follows:

"It shall be unlawful for any person to transport, ship, or knowingly receive in interstate or foreign commerce any firearm from which the manufacturer's serial number has been removed, obliterated, or altered, and the possession of any such firearm shall be presumptive evidence that such firearm was transported, shipped, or received, as the case may be, by the possessor in violation of this Act."

The Treasury Department, in a letter dated August 9, file MT:ST:CES, has given the following answers to the four questions most commonly asked in this connection:

"1. Will a gunsmith's signature be recognized and interpreted as being a 'manufacturer's serial number'?"

A gunsmith's mere signature, without more, could hardly be regarded as a serial number.

"2. Is there any way in which a gun without a serial number may be given a new number in a legal manner?"

This office sees no reason why a gun made and sold without a serial number could not have a serial number inserted thereon, provided such insertion was made by the manufacturer of the gun. However, your attention is invited to the

fact that the shipment of guns in interstate or foreign commerce which have had the serial number removed, obliterated or altered, would be in violation of the Act. Therefore, unless such guns were manufactured without serial numbers, their shipment in interstate commerce would be a violation of the Act.

"3. When a gunsmith assembles a custom-built rifle or shotgun using parts secured from different manufacturers, should that gun retain the numbers on the component parts or should the gunsmith assign it a new number?"

It is the opinion of this office that a gunsmith should not attempt to place a serial number on a gun in any instance, and the elimination of numbers on component parts might indicate that an attempt had been made to eliminate the serial number from the gun. In view of the fact that serial numbers on guns are placed in various places by different manufacturers, it would appear that a gunsmith eliminating numbers at any point might subject himself to the dangers arising from the obliteration of the serial number.

"4. Would a gun be construed as coming within the provisions of this paragraph if the serial number had been removed from one part of the gun but had been retained on another?"

Many firearms manufactured have the serial number inserted on different parts and it has been held that the shipment of a gun having the serial number on one part, while on other parts the number has been erased, is not a violation of the Act.

## SHOTGUN DOPE

(Continued from page 19)

good. The top barrel is matted full length. The top safety is automatic. While I should have requested the optional independent type, I can get used to pushing it off, and it will permit a lighter trigger pull with safety. The front trigger is fine as is, but the rear is too heavy, and I have missed two birds because of it. The gun seemed somewhat stiff and sluggish at my desk, but I did not have this impression of it in the field. This particular gun would be a fine value at \$75.00, and it can be had for considerably less. For those who may want them duplicated, the stock dimensions of my own gun are: length of pull, 13 inches to rear trigger; drop at comb, 1 3/8 inches; drop at soft rubber heel, 2 inches. The factory figures are: 14x1 1/16 x 2 3/16 inches, with a pitch-down of 1 1/2 inches at the muzzle.

New Model 90 over-under Marlin's now getting into production are: .410 bore with 26-inch barrels and 3-inch chambers; ditto in a combination gun with the top barrel for the .22 Long Rifle cartridge; ditto with the top barrel in .218 Bee caliber; ditto with the top barrel in .22 Hornet caliber. These last two can be had equipped with interchangeable .410 barrels.

SAVAGE-STEVENS. On August 15th the Savage Arms Corporation announced to the trade two interesting Stevens shotguns. One is a new over-and-under combination gun with .22 Long Rifle barrel on top and a .410-bore below. It is a take-down hammer gun, with a single trigger and a low, adjustable rear sight on the .22 barrel. An external slide button permits quick selection of barrels. Barrels are 24 inches. Weight is 6 pounds. Price is \$12.85.

The other new Stevens is a side-by-side double-barrel (No. 530M) with stock and fore-end of a beautiful brown mottled Tenite. This hammerless double-trigger gun sells at \$21.50. At present it is available in 12 gauge (about 7 1/2 pounds), 16 gauge (about 7 pounds), and 20 gauge (about 6 1/2 pounds). These are normal weights, although plastic material is used in place of wood in the stocks.

## SCOPE-SIGHT FUNDAMENTALS

(Continued from page 21)

each different color in a given piece of optical glass. Because of the involvement of refraction with focal length each color, then, has its own separate focal length which in a given positive lens causes the rays to converge on the axis at slightly different points and resulting in what is called chromatic aberration or color error. The cause of the error (variations in refractive index) is utilized to correct or neutralize it. The positive lens is made of crown glass and its negative component is made of flint glass, because in the latter the different colors cause a greater variation in refractive indices, which fact is capitalized in making the compound lens of the two types of glass.

Astigmatism (oblique refraction) is another error which in simple terms means lack of symmetry. A point of light instead of remaining truly round appears to be oval because the rays which form our image are twisted from one plane to another at right angle to it (horizontal to vertical or vice versa). Unless the condition is pronounced, the object will appear symmetrical (round) on the optical axis but will elongate in one direction or another off the exact axis. At one point it may approach the shape of a horizontal line, while at another point it will appear as a vertical streak. The fact that the direction changes as the pencil of light twists or turns means that we see the object only in one plane at one time or that certain lines or objects in our field of view are temporarily invisible. In our telescope-sight, astigmatism causes imperfect focus of one cross hair and makes it impossible to eliminate parallax from both horizontal and vertical wires. In optical design, astigmatism is corrected or avoided by employing compound lenses or several in proper series. Astigmatism in an optical system is sometimes caused by mechanical faults requiring a mechanical correction. For example, a cell screw might be too tight or the lens holder so uneven that a lens is subjected to a strain or the whole lens cell might be jammed in the tube because of metallic contraction or the lens might be twisted due to imperfect assembly.

Another error of symmetry is called coma, because the object, outside the optical center, appears to take on the general shape of a comet with flaring tail. Unlike astigmatism, coma radiates in any direction from the center of the field in tear-drop shape and either tail first or point first. Also unlike astigmatism, the distorted object is not of even shade but is progressively less dense from head to tail.

The errors in delivering a point of light, as described above, may and usually do occur in combination and are corrected in combination. There are other errors which affect the object as a whole, or the entire field of view. That is, the image may be curved instead of flat. Then, edges of the field seem nearer the eye than the middle, or vice versa. The usual cure is to use stops or diaphragms to stop or control rays near the outer edges of one or more lenses, principally the objective. Also in a poor instrument the lines of objects in the field may be distorted. Vertical or horizontal lines may be curved or bent in or out, toward the center or away from it.

Referring to the illustrations, Fig. 1, left, shows how light is refracted when passing from the air through a medium such as glass. A portion of the ray is reflected as indicated on the right.

In Fig. 2 we have the two principal types of lenses. On the left is the positive lens which converges the light rays and on the right the negative lens which diverges the rays. The lines are drawn straight for the purpose of illustration.

In Fig. 3 we illustrate focal length with the two major types of lenses. At top left we have the plano-positive lens;

at its right the plano-negative, both having one straight side and a focus equivalent to 2 times the radius of the curved side. Below each of these (Fig. 4) we show the double form, bi-convex on the left and bi-concave on the right. In this case both sides are curved equally and the focus is equivalent to the radius of the curve.

In Fig. 5, the meniscus lenses are shown. These also have both sides curved, but they are characterized by concave and convex sides of unequal radii. The side having the sharpest curvature or shortest radius determines the nature of the lens and classifies it as either positive or negative. This can be proven mathematically. Let us say the big circle represents a 2-inch radius and the two smaller circles 1-inch radii. The lens on the left is a positive one because its sharpest curve is on its convex side. For similar reasons the one on the right is a negative lens. The focal length is found by taking 2 times  $r$  times  $2r$  and into the product dividing the sum of the two radii, keeping in mind that all concave curves are negative and all convex curves are positive. The solution shows a focus of plus (positive) 4 inches for the lens on the left and of minus (negative) 4 inches for the lens on the right.

Fig. 6, right, illustrates spherical aberration or uneven convergence of the light rays on the optical axis. This is corrected by using a compound lens of negative and positive components. The one shown on the left has a bi-convex positive component and a plano-concave negative component. The corrective action is much the same as that shown in Fig. 7.

Fig. 7, left, shows color aberration, the top line of the ray dispersion representing the red side of the spectrum and the bottom line the blue side, which latter color has a shorter wave length (higher frequency) and a shorter focal length as indicated. The compound lens (right) for correcting this color error consists of a positive lens of crown glass with a refractive index of about 1.5 and a negative lens of softer flint glass with an index of about 1.6. Combined their index becomes about 1.9. (To be concluded.)

## THE OLD COACH'S CORNER

(Continued from page 18)

Now this score sheet furnishes a most excellent guide for the next time you have to shoot at 200 yards with this rifle and ammunition. It also gives a very good indication as to the correction required for a 10 o'clock wind of 6 to 8 miles per hour with medium fast to slow mirage drift.

Had you shot this score in competition, where your maximum time limit is 7½ minutes for ten shots, you would make all the entries up to the first shot as before. Thereafter you would not have time to record the data for every shot fired, but you should record if possible where the first shot fired with E68W94 struck the target, and then on the completion of your score the elevation and windage for the last shot, if possible a fairly accurate plotting of your group on the target, and then in the lower right-hand corner of the card set down what you consider to be your approximately correct elevation for these conditions, and your approximate zero—that is, wind gauge reading had there been no wind.

Thereafter if you have to shoot a string at 200 yards in a hurry, you turn over your cards until you find one with "200" in the upper right corner, look down in the lower right corner and see Approximate Elevation 71 and Approximate Zero 104 with Western Super Match ammunition, and you can enter that shoot with confidence that your first sighter should at least land you in the nine ring.

## THIS HANDGUN GAME

(Continued from page 17)

qualify him for the tryout. If he had based his opinion of the location of his group on his first THREE shots, he could have corrected his point of aim and probably won the match, with a good chance of making a record score as well!

### Ego-Reducers

Captain L. L. Earhart of Steele City, Nebraska, wrote recently about his shooting with the .45 Automatic, and ended by asking if I had ever run across anything that was equal to that gun for taking down one's ego in regard to his ability! Well, there is one thing that will give equally fine results, and that is the International Target! It has the same size of bull as our Standard American, but the counting rings are very different. For example, the ten-ring is only 2" in diameter, and a shot just touching the black is a seven instead of an eight as on our regulation target. Personally, I'd like to see the International Target adopted for all of our shooting, including timed and rapid, as it would eliminate most of the ties and would let us compare scores with those made by the European shooters. Furthermore, such a target would be the finest possible incentive for improvements in our guns, and would also produce a real improvement in shooting skill.

The .45 Auto. is certainly no target gun; in fact, I can't see why anyone except the Service men bother with it, but to show up one's ability to hold and squeeze 'em off, the International Target is the real thing—and its ego-reducing power doesn't depend upon any funny actions of the gun. It's just a more severe test of one's shooting ability.

## A FRONTIER STRATAGEM

(Continued from page 16)

"Cause me an' Bub spent a half a day tryin' it out on all them stumps with a basswood riving jest the haith an' width of a man a laying down. We plugged the bullet holes after and cut a chip out over whichever one drove center."

"Now, wan't that thoughtful an' considerate!" exclaimed Simon, admiringly. He was delighted beyond adequate expression.

Henry raised his rifle to a slit.

"Simon," said he, "just keep an eye on the next stump—the one with the white rock beside it—an' see what happens."

He fired, and the yelping chorus was noticeably diminished.

"You busted his flute," Simon observed coolly. "I could see somethin' fly clean from here an' I guess it wa'n't tobacco juice."

The Senecas had once got their hands on Simon and his younger brother. Before the elder had managed to escape he had been forced to watch what men, women and even children did to young Peter Hendee between dark and dawn when death finally came to the boy, with tardy mercy. Toward the Indians he felt no pity since that terrible night, regarding them all as devils straight from Hell. He thought it a Christian duty to kill them on sight and the present circumstances were utterly agreeable to him. Henry, although he may have felt some stirrings of chivalry toward a trapped enemy, had no intention of permitting his feelings to stop him from doing what any sensible man would know must now be done. He called to his son who came across the loft to join the two.

"There's three more out there an' there mustn't be one of 'em get away to carry back word of what happened," Henry explained. "It seems kinder mean to treat even a damned Injun so, but we might need those stumps again sometime. Bub, you take the stump with the sumach sprout beside it. Simon, you take the one a rod this side o' Bub's, an' I'll take the last one. Bub, fire first, and you next, Simon, and I'll follow you. Don't none o' ye miss your mark. Are you ready?"

A little while later Henry left the loft and came down to comfort his wife. There were now no sounds from the clearing.

"Now, don't you fret, Jemimy," he told her, taking her cold hand in his and smiling down into her strained white face. "Our early morning visitors have all gone an' they won't bother you no more. We kind of scared 'em off. You might set about frying some o' that cold mush Simon is so fond of for our breakfast, the task will sort of steady you. The rest o' us will tend to the chores outside."

Jemima looked at him. He was her own man again, gentle and kindly. That strange and fearsome knife-like quality that had been about him when he left her side to go to the loft had vanished. Why, no matter what Major Rogers thought about him, Henry Gove didn't look as if he'd hurt a fly.

## THE PERSHING MATCH

(Continued from page 7)

J. Wark (14 s.)	398
C. Jackson (14 s.)	398
12. J. O. Miller (6 s. 6 d.)	397
R. D. Berkheiser (6 s. 6 d.)	397
21. M. Israelson (5 s.)	396
R. D. Triggs (5 s.)	396

### No. 4. The Vickers-Armstrong Challenge Shield.

(40 shots—20 at 50 yards and 20 at 100 yards)

1. R. C. Pope (The Shield, gold medal and 50 s.)	400
W. P. Schweitzer (Silver medal and 50 s.)	400
3. J. C. Lippencott (23 s. 6 d.)	399
6. C. Frank (14 s.)	398
19. J. Wark (5 s.)	396
R. D. Triggs (5 s.)	396
28. C. Jackson (5 s.)	395

### No. 5. The Grand Aggregate for the Stevens Challenge Vase.

(The Aggregate of Competitions 1, 2, 3, and 4)

1. W. P. Schweitzer (The Vase, gold medal and 10£.)	1396
3. C. Frank (Silver medal and 5£.)	1394
4. R. C. Pope (Silver medal and 50 s.)	1392
6. R. D. Triggs (40 s.)	1389
9. J. C. Lippencott (15 s.)	1386
13. J. O. Miller (9 s.)	1384
H. Allyn (9 s.)	1384
C. Jackson (9 s.)	1384
18. W. E. Kenyon (5 s.)	1383
26. J. Wark (5 s.)	1381
30. R. D. Berkheiser (3 s.)	1380

### No. 6. The Astor and Remington Palma.

(40 shots—20 at 50 yards and 20 at 100 yards)

(The American team was permitted to compete in this match only among themselves)

1. C. Frank (large silver cup)	397
2. R. D. Berkheiser (medium silver cup)	397
3. H. Allyn (small silver cup)	397

### No. 28. Treble 100 Yards Telescope Sight Competition.

(For the Ramsey Challenge Cup)

1. H. D. Allyn (The Cup and 50 s.)	300
R. D. Triggs (50 s.)	300
3. W. P. Schweitzer (25 s.)	299
R. D. Berkheiser (25 s.)	299
5. J. O. Miller (15 s.)	298



# OVER THE NEWS DESK

## A CATALOG OF FIREARMS FOR THE COLLECTOR

By L. D. SATTERLEE

With copies of the first edition bringing as much as twenty-five dollars, collectors of American firearms will be pleased to hear that the long-awaited second edition of Mr. Satterlee's reference work is finally available. Listing, in so far as was humanly possible, every model and major variety of quantity produced firearm, the original catalog, of which 500 copies were printed in 1927, soon became scarce, and took its place, along with Armswear and Sawyer's *The Revolver*, as one of the most sought-after of arms collector's references.

The second edition, published primarily for subscribers, in addition to its presentation of the entire text of the original edition, reproduced by planographing, includes 123 pages of entirely new material gathered by Mr. Satterlee since the work was originally completed. Of prime importance are the additions to the catalog list, in which many new models and a few hitherto unknown makers are recorded. Other additions are a note on the rare Model of 1840 U. S. flintlock musket, a list of patents relating to firearms and ammunition, and a supplementary bibliography. Included as a part of the additional text are several pages of notes on early U. S. military arms, which should help considerably in clearing up the confusion regarding the true history and model sequences of these obscure arms. Heretofore unpublished data on federal and state arms contracts of the period 1792-1840, including the details of the actual contracts, are a valuable feature of this material.

All in all, the new edition of the catalog is an improvement on the old in every respect. Despite the fact that it patently was published as cheaply as possible, in view of the small list of subscribers, Mr. Satterlee has acquitted himself splendidly. Prepared on a smaller format than before, this new volume is at once neater and handier than its predecessor. This reviewer's copy of the first printing is a tattered wreck, since it is used perhaps more than any book he has on the subject. This should not be the fate of the new copy, which is more strongly bound, and printed on a more durable grade of paper.—JOHN SCOFIELD.

*Privately printed for subscribers (200 copies); 342 pages, 22 pages of illustrations, 5" x 8"; price \$5.00. May be ordered direct from L. D. Satterlee, 15124 Artesian Avenue, Detroit, Michigan.*

## CORRECTIONS

In the August *RIFLEMAN*, due to an error in the final official bulletins as issued by the Eastern Small Bore Association, Dave Carlson was credited with winning the Grand Aggregate at Camp Ritchie, and this "win" was featured by Winchester in their August *RIFLEMAN* ad.

Obviously the error in giving Carlson first place in this important aggregate was caused by a typographical error listing a score of 233 for him in the Palma Individual where the possible score is only 225. His correct score in this event was 223. Fred Kuhn was the official winner of the Grand Aggregate with 1789-1825.

In the August Winchester ad Bill Breuler's winning score of 225 with 41 V's in the Palma Individual is credited with being a "new match record" whereas this record is actually held by Tom Arnold with 42 V's, made at Camp Ritchie in 1934. This is a mistake on our part in giving the wrong information to Winchester as to the old record over this course of fire, for which we apologize.

In the story regarding the Camp Grant Matches in the July *RIFLEMAN*, Paul E. Poe of Rock Island was credited with winning the Regional Championship in the Expert Class with 3152 x 3200. The Camp Grant statistical office, had however, overlooked the entry in the Regional Championship aggregate of Mr. C. L. Wood. Wood is the correct winner of the Expert Class Regional Championship at Camp Grant with 3153 x 3200.

## GUNS VS. BANDITS

Two men wanted for questioning in Washington regarding recent robberies there, and in Baltimore for a pistol battle with railway officers, were captured when two Fredericksburg (Va.) policemen each fired a shot at their fleeing automobile. Both bullets took effect, one striking the rear tire, the other puncturing the gas tank. It later was found that the pair had forced a Washington driver at the point of a gun to drive them into Virginia. One was identified as having been convicted of armed highway robbery in Texas in 1935, when he had been given a five-year suspended sentence.

*The accurate shooting of the local policemen was credited to recent target practice engaged in by the force.—Fredericksburg Free Lance-Star.*

\* \* \*

Bullets fired by a straight-shooting deputy sheriff, son of a Glendale (Cal.) police officer, left a bandit suspect dead recently, another wounded, and a third in the county jail, and were credited with frustrating a cafe holdup. Deputy Manning, whose marksmanship wrote finis to another chapter of the "crime doesn't pay" story, was trained in pistol practice by his father, and often competes in pistol matches of the Glendale police department.—*Glendale News-Press.*

\* \* \*

A Los Angeles liquor dealer, whose store had been the scene of two holdups and a double slaying, was waiting with a shotgun when a robber entered not long ago. The masked man, a .45 pistol in his hand, began looting the cash register. Proprietor Rex Sutton's shotgun roared. The robber was fatally wounded in the head. Said to resemble the thief who had once before held up Sutton's store, he may also have been the one who, several months before, shot and killed a clerk and customer during another raid on the same place.—*Glendale News-Press.*

\* \* \*

Two Los Angeles bandits recently came to the end of criminal careers through the courage of L. T. Upton, manager of a local liquor store. The bandit pair entered the store late in the evening, and menacing the proprietor with the most feared of short-range weapons, a sawed-off shotgun, were handed the contents of the till. The two then made the fatal mistake of underrating their victim, who, as they turned to leave, seized a .38 caliber revolver and opened fire. Result: both of the men out of commission; two criminals "paying the price." A search of the room occupied by one of the bandits revealed assorted loot from several places robbed shortly before by the pair.—*Santa Monica Topics.*

## OCTOBER ISSUE MAY BE LATE

Because of the inevitable delay incident to including last minute reports of the 1939 National Matches, the October issue of *THE AMERICAN RIFLEMAN* may be a few days late in reaching members.

## TIMED FIRE

with Bill Shadel

These lines from a stuttering typewriter may easily get mixed up with range noise from that beautiful setting of the All-American matches on the Indian Hill Ranger's pistol range outside Cincinnati. Twelve U. S. Treasury shooters, Al Hemming, the local's Bill Lux of pistol bench rest fame, and Jack Durbrow, local league president; Captain's Rau's Infantry charges and the Cavalry outfit—the fine sportsmanship of this gang making the NRA referee's job easy enough to grab off time for this column. Heard on the range:—Gossip around indicates a big money shoot here next year for the hot-shots on their way to Perry. . . . Chapman, U. S. Treasury, predicts a 294 will win the .22 National Match Course and goes out and shoots that identical score to win. . . . Mel Rogers got jittered out of at least an equalled record in .22 caliber timed-fire, when he continued shooting his possibilities up into the sixth string (20 shot match), dumping a nine to miss Harry Reeves' record.

An honorable mention for two Junior promotion projects. Out in Oakland, California, C. A. Hatch and the Oakland Police and Fire departments rifle and pistol club are just starting a junior program with the backing of the Parent-Teacher, Lion's Club, Service clubs, sportsmen's organizations, juvenile details of both city of Oakland and Alameda county. Already twenty Boy Scout teams have supervised shooting on two days a month to protect otherwise necessarily confiscated guns around the area. And in Frederick, Md., Floyd Burchett, hard-working executive officer of the Frederick Club and head of the Francis Scott Key Junior Rifle Club, reports the following: "The boys that are staying by during the summer months are the interested ones, of course. I have received permission from the city officials for these boys to paint house numbers on curbs throughout the city. The money raised will be used to equip a range for the boys. Today was their first day on the job. They took in \$2.50. At that rate it should not be long before we have sufficient funds to work with."

Again publicity, but this is the way it works: Out in a Northwest city, the rifle matches were under way but no reports were to be found in the local paper. The shooters started calling in to ask about the matches and the sports desk, besieged by queries, began to hustle around to get the dope. When our club reporter brought in the results that evening, he received the surprise reception—just the information they had been looking for. On the editor's spindle in big letters—"get rifle scores" was the answer to those earlier calls.

We've had occasion to visit a number of gun shops but none more interesting in workmanship than that enthusiastically recommended by Homer Jacobs, Dayton rifleman. "Meet J. Oberlies, the finest gunsmith in the country," says Homer and an interesting meeting it was. "Beautiful work" we chimed at Homer's knowing nod. One of those fellows whose craft might well make him "the Stradivarius" of gunners.

From our good Irish friend, Captain J. J. Clancy, comes word of another October Tournament—the second South Atlantic Pistol Matches at Savannah, October 16-19. Interesting point of this tournament is that it has led to the installation of forty movable targets—improvement of ranges. Special entertainment will be provided. Cash prizes.

We are also reminded by A. L. Kidwell, Secretary, that the Old Dominion Rifle Club and the Richmond Rifle and Pistol Club have consolidated "for the betterment of the shooting game in Richmond." The new name is "Cavalier Rifle and Pistol Club." The combine gives them a fine 32 point outdoor range and an 11 point indoor range.

# —so they tell us:

## WOLF IN SHEEP'S CLOTHING:

Thought you might be interested in a snapshot of "Uhile Manly," the contradictory Georgia gal that tried to steal the Women's Match at the Connecticut State Small Bore shoot—only to be unmasked as Elihu Lyman, hairy-chested



**UHILE MANLY**  
née Elihu Lyman

member of the Middlefield sight manufacturing firm. Fittingly, the imposter was ranked last among the contenders for the Connecticut women's championship, which went to blond Ethel Carlson of Middlefield.

New Haven, Connecticut. HOWARD NEWTON

## RELOADER'S WARNING:

There is one warning which should be brought to the attention of all reloaders who cast their own bullets. That is to be sure their lead is dry before putting it in with any molten lead, or melting it while it is still wet or damp. It is very possible to get a steam explosion which will spatter lead all over a room, and probably over the one casting bullets, which will result in severe burns.

The article which prompted me to write this was the one entitled "Shooting the .30-'06," by Arthur B. Clark and Arthur B. Clark, Jr., in the August issue of THE AMERICAN RIFLEMAN, where in the last paragraph under the title of "Trap" they recover the lead from their bullet trap by scooping the sawdust and lead into water, and pouring off the water and melting the lead.

The lead of course is dry when they melt it, but a newcomer to the game may not know this. I believe you should warn all reloaders of the danger that can be incurred by putting wet lead into already molten metal.

Richmond, Indiana.

J. B. REED

## NO MORE BRONZE DINGUSES?

This letter is in the nature of a complaint and a recommendation. For the approximately twenty years that I've been in the shooting game I've been picking up medals of one type and another and I've been wondering, why give medals for places? Let's give 'em something useful. If anyone can tell me any worthwhile purpose that these plated bronze dinguses serve outside of giving them to the neighbor's kids I'd like to know it. Of course we've got the pot hunter who spreads 'em all on a nice black, green, or blue velvet blanket and strikes camera poses but the average shooter isn't like that, at least I hope not.

Now how about knocking out a set of presentation spoons. Three for first, two for second, etc., or something of that type. They can be ornamental as well as useful and you've got a good excuse for going to a match and not so many kickbacks from the better half. Or pan out some decent pewter beer mugs, or clay steins, cocktail glasses etc. If a man wins enough of any in one shoot toss in a pitcher or cocktail shaker or whatever is needed to finish out a set. Give the little woman at home something she can show off and send the old

man after more of the same. Let's use a little common sense about this medal proposition and relieve the match committees of some of their headaches.

I've talked this over with a number of the better pistol shots in Missouri and they feel as I do about it. How about seeing what the general temper of rifle and pistol shooters all over the country is?

St. Joseph, Missouri.

H. E. PRIESS

• How about it? If tournament shooters indicate a preference for more substantial prizes than place medals, they'll get them. So far, the time-tried "bronze dinguses" have led in popularity over more practical awards. Let us know your preferences.—Ed.

## TO BE CONTINUED:

That Sheldon yarn last month was (so far) a knockout, but why the devil weren't we told it was to be continued? How about labeling them prominently, so those of us who hate continued stories can wait until the whole thing's in print before we start to read it?

New York, New York. GEORGE LAWRENCE

## GRANDFATHER'S WATCH

I am sending a photograph of the remains of an old hunting case silver watch, also the bullet which hit the watch and caused the death of my grandfather Ralcey Miller in the battle of the Rappahannock, during the Civil War. The deformed bullet fits into the cavity in the watch



**WATCH AND BULLET**  
a Civil War tragedy

case. With the watch is another bullet of the same type and the chamois bag in which the watch was carried, with the bullet hole visible in its side. The impact of the bullet on the watch in my grandfather's pocket caused a bruise in his side that later developed into peritonitis and caused his death some three weeks after the battle.

Katonah, New York.

H. RALCEY MILLER

## IT'S PAPA WHO PAYS

Here is something I'd like to suggest. It may be all wrong, but there are many shooters who feel the same as I do. Camp Ritchie was a lot of fun and the experience was good for me, but the cost of attending the matches was entirely too high for "Mr. Average Shooter". Most of us newcomers to the shooting game know that we haven't a chance to place among the top notchers so why should we pay those fellows for the privilege of shooting in a big affair? Is it necessary to have cash prizes to draw these fellows? Why should there be cash involved? I was told when I entered this sport that there was no such animal as a professional shooter . . .

Now, to give you a concrete example, we have about sixty-five members in our club. Out of this number we are able to take to all the matches we attend about fifteen men. (Which is not bad.) We were all planning to come to Ritchie and had about twenty men lined up for the trip but after getting the program we

could get only two rifle shooters and one pistol shot there for the complete time. One other rifle nut was there a day and another for two days. . . . Why? COST. You want to promote organized shooting as a sport. To do this the N.R.A. has worked out the classification system which we think is the very thing for the average shooter, but why make it so expensive that after a fellow gets a chance to compete in his class the cost of doing so keeps him away?

My idea is this: Let the hot shots pay themselves to see each other there and let "Mr. Average Shooter" pay to get a chance at the glory of beating his fellow man in holding and squeezing, thus taking home a piece of hardware to hang in his den along with crow wings, hawk tails and fish heads! Then he can stick his chest out when his neighbor comes over and looks at the latest piece of hardware!

I do know that there are lots and lots of fellows that feel the same about it. Also, you can't say that Mr. Average Shooter does not foot the bill at most any shoot.

Richmond, Virginia. ANDREW L. KIDWELL

## HELP WANTED

I am writing this letter in the hope that every senior member of the N.R.A. will read it and do his share toward helping the younger riflemen, the riflemen of tomorrow, get a good start.

Here's my story.

I am 18 years old and have been interested in guns ever since I was old enough to know what they were. I was given my first .22 when I was 12 years old, and for the next year the only time it was shot was when my father was around to see that it was being handled right. When I was 13, he allowed me to use it alone. During this time I had been shooting on a nearby farm, and everything seemed perfect. But . . . one day the farmer came out and asked me wouldn't I find a new shooting place. That was the beginning of my troubles.

About this time one of my friends became interested in shooting, so together we looked for a new range. We found a marsh about a mile from our homes and began shooting there. Soon we were advised to seek the permission of the police. We went to the station the following day and saw the chief. His answer was "Keep the hell off the marsh with your guns. Now get the hell out of here." We left.

From then on we shot at one place and another, drifting around and ever dodging fearful neighbors, who just didn't like guns. We had a lousy time. It seemed as though every one was against us. Even our own neighbors asked my parents how they dared let their son play around with guns. We stood it for about a year, and then the guns began to gather rust. We joined the Junior N.R.A., but it didn't help. There still was no place to shoot.

About a year ago we had our first break, the one which placed us far ahead of the mighty police chief and the jittery neighbors. A nearby town had formed a rifle club. We joined, and today we're on top of the world. We shoot every Saturday and Sunday with a group of fellows like ourselves. At last we are on top. Nobody is stopping us from shooting now.

That's the story.

Now that we're on top, I can't help thinking of all of the young fellows who are in the position we were in before . . . the fellows who are getting the tough breaks we had. So, seniors, if you know of a young fellow who likes to shoot, take him in hand, teach him a little about the game and maybe in a year or so you'll be having a hard time keeping up with him. I know one thing. You'll have a friend for life, and America will have one more rifleman.

SHELDON RICH

Franklin Park, Massachusetts.

## S. T. U. CORRESPONDENTS, NOTE:

In recent months, a number of letters without signatures have come to the desk of the letters-page editor. Notice is hereby served writers-to-the-editor that anything intended for publication must bear the sender's name. If requested, a pen name will be substituted if published.—Ed.

# Tournament Reviews

## MINNESOTA ARROWHEAD SMALL BORE TOURNAMENT

Carl Frank of Rochester, Minnesota, second ranking sharpshooter in the United States last year and member of the American rifle team which brought the General Pershing trophy back from England earlier this month, won grand aggregate honors of the Minnesota Arrowhead small bore registered tourney, July 23rd.

Frank and the Camp Lincoln team from Lake Hubert, Minnesota, repeated their 1938 conquests, Frank copping individual honors for the second straight year and the Camp Lincoln lads taking the team cup in a repeat performance.

Frank won first in the 50-meter iron sights match, third in the individual Dewar iron sight match, and fifth in the individual any sight match for a top total of 1,189 in the Expert class.

C. V. Jones, Albert Lea, scored 1,182 for second aggregate honors, having more than M. R. Grosskopf, Marion, Wisconsin, who had the same total. Other medal winners were Max Leo Sedro, St. Paul, 1,189, fourth; Alex Ellison, Virginia, 1,177, fifth; O. C. Halsey, Owatonna, 1,174, sixth; and John Cole, Minneapolis, 1,174, seventh.

The Camp Lincoln team, of which the oldest member is 18, shot a 1,578 for top team honors. Members of the team were Milton Peterson, Jr., Paul Summers, Peter Peterson and John M. Campbell. The Northwest Rifle Club of Minneapolis won second with 1,570, edging out the Virginia Number 1 team, which scored the same total, by a single point.

Other team standings were the St. Paul Rifle and Pistol Club, 1,559, fourth; Hibbing Rifle Club, 1,555, fifth; Virginia Number 2 team, 1,539; sixth; Cook Rifle Club, 1,520, seventh; and Biwabik, 1,491, eighth.

John Moschkau, Balsam Lake, Wisconsin won grand aggregate laurels in the restricted class, for riflers who had not previously won a medal in any event, with a 1,166 total. The other medal winners in this class scored as follows—Gustave Dalseg, Underwood, 1,164; James Ford, Jr., Minneapolis, 1,163; Art M. Jensen, Albert Lea, 1,160; Mrs. Elma Trapp, Minneapolis, 1,157; John Oien, Minneapolis, 1,151; E. R. Franklin, International Falls, 1,150.—*Duluth News-Tribune*.

## NEW PHILADELPHIA (OHIO) SMALL BORE MATCHES

Any time Bill Patriquin shows up for a small bore match, there's apt to be a scrap for first place honors. The June 2-4 tournament of the Tusco Rifle Club at New Philadelphia was not fated to have its first place medals distributed very widely, with Patriquin snaring eight first place awards of the seventeen events (including aggregates) scheduled during the three day shoot. Patriquin, first citizen of Ernest, Pennsylvania, as far as the shooting world is concerned, had serious competitive trouble only with Eugene Huff, who came in from Coshocton, Ohio, to give Pat a run for his money. Huff's thrust at the Pennsylvanian's domination of the matches was not without success, and five of the top place medals went home with him. All of which didn't leave many awards for the rest of the 73 competitors who attended. George Braendle, Cleveland, succeeded in taking top medal in one event and Sam Bond, local shooter, Roy Bidwell, Canton, and Captain Robert Andrews of La Carne each were able to snare a single addition for their medal cabinets.

## FREE STATE PISTOL CHAMPIONSHIPS

With practically all of the club members promising to burn joss, go to church the following Sunday, or in some other appropriate ceremony pay homage to the sun goddess if she

would only hold off the rain for one more day (which she did), the first registered Free State championships were fired on the Free State range in Baltimore, Sunday, July 30, with seventy registrations from four states and the District of Columbia.

The first match, a twenty-shot slow-fire .22 event, with fifty-six entries, was captured by a young lady, Mrs. Sophia Lord, by shooting a 178. She also, of course, took the silver medal for high lady. However, the competition was plenty keen, as Mr. H. Steingass was also the proud possessor of a 178, but he had a roving six which changed his medal from gold to silver. Taking third place bronze was Mr. Wm. Stanton of Baltimore with a 177. Mr. Earl Palmer of Baltimore took high class "B" and Mrs. Camille Moore of Waynesboro, Pennsylvania, stepped in for class "C" honors.

Right after that came the .22 individual and team match over the National Match Course with 57 entries. The genial George Lyon, of Chambersburg, Maryland, reached out with a very classy 283 score to take home the individual gold medal. Doctor B. McGowan of Baltimore was in there boxing with a 279 for second place, and Chief Gunner's Mate Chester Coons of the Naval Academy came in for third place. Mrs. Mary Platt took high lady honors with a score of 268. In class "B" Charles Lipscomb was high with a 263, while Mrs. Faye McGovern captured class "C" honors with a 243.

In the team event the local club got a break as the Free State first team, consisting of David Platt, C. Lipscomb, A. Lotz, C. Coons, and T. R. Penn, won the high open medals with a team score of 1317, while the Reserve Officers Association took high state honors.

Then in the p. m. when the boys and girls decided to break out something larger to shoot, we held the 50-yard center-fire match. Lyon was still there (having indulged in hot dogs, with mustard), and took in another gold medal for top honors with a score of 183. Mr. G. Kelley took the silver medal with a 182, while Mr. Wm. Cook was third with a 180. Mrs. Lord had the pleasure of being high lady again. High class "B" honors went to Mr. Robert McGill, while Mr. R. Holden took class "C".

The center-fire team and individual match was held next, with the aforementioned Mr. Coons taking high individual honors with a 270. (He was shooting the executive officer's .38, and swears the barrel was bent or he would have really made a score!) Be that as it may, he still had to shoot to nose out Lipscomb, who also had a 270, but Coons wobbled in a slightly better rapid-fire score. Mr. Lyon hadn't left for home yet, but he had to be contented with a mere third place score of 269. Mrs. Lord decided she needed another silver medal, so she took high lady again. T. R. Penn of the Free State took class "B" and Mr. McGill got another bronze medal for class "C".

The team event found the Baltimore Police team of William Poska, W. D. Kelly, George Eber, W. Welsch, and F. Maimone, winning top honors with a team score of 1275 against Free State's 1250 for second place.

Match five was an aggregate of the .22 and .38 National Match courses, and Mr. George Lyon (still with us), received a nice gold medal for having a score of 552. Coons took second honors with a 549, and Lipscomb was third with a 533.

Finally Mr. Lyon went home!—S. W. McGovern.

## MISSOURI STATE SMALL BORE MATCHES

The Missouri State Small Bore Matches were held at a new range close to St. Louis and to christen the new location, drew the largest attendance in the history of the tournament. Shooting started Saturday morning with light rain and a young gale to harry the competitors. The match, a 50-yard event, was won by Bill

Woodring with 397-27X; Dick Dorian second with 397-23X, and R. A. Newcomb third with 397-18X. At 50 meters, any sights, conditions were better and Woodring topped with a 399. Al Freeland shot a 399 for second and Fred Spencer was third with 398. In the 100-yard Metallic sight match a combination of tricky wind and a heavy mirage brought in some fancy scores. "Pete" Brown won with a 393-25X, Bill Woodring was second with a 392-16X, and Charlie Conrad was third with the same, but was outranked. The Dewar any sight was shot in good conditions and the scores were high. Dick Dorian was first with 399-26X, Kay Woodring second with 399-25X, and Charlie Conrad third with 399-24X.

Sunday morning it rained steadily up to 9 o'clock when the shoot finally got started at 50-yards in another heavy wind, but Bill Woodring had it solved and came thru with a 399-32X to win and Arvel Franz turned in a 399-20X for second.

The 50-meter metallic match brought out some good scores with Bill Woodring winning with 399. Fred Spencer came in with a 398 for second and "Pete" Brown was third with 397. The 100-yard any sight took a 400 to win, and as usual Bill Woodring took it, with Fred Spencer again second. In this match a 398 was so low that you didn't even mention it to your best friend. In the Dewar iron-sights match, Bill Woodring had to shoot another 400 to win over Charlie Conrad's 399-26X total.

The aggregate, with the Bausch and Lomb Trophy, went to Bill Woodring as usual, with Fred Spencer second and "Pete" Brown third. Charlie Conrad and Brown won the two-man team match and the East Alton Rifle Club won the four-man team, both with good scores. The high lady and high tyro medals were all won with excellent scores, showing that the tyros get "hot" sometimes.

We were fortunate in having Lt. Col. L. M. Rumsey, Jr., as Executive Officer with E. E. Dittbrenner (Executive Vice President of the State Association) as Statistical Officer, with a lot of help from "Tief" and Earl Mercier of Western.

## ZEPPELIN RIFLE AND PISTOL MATCHES

For the second straight season both major championships of the Goodyear Zeppelin Rifle Club's annual small bore rifle and pistol tournament, this year held at Akron July 28-30, went to visiting marksmen. The all-around small bore rifle title and famed P. W. Litchfield trophy was won by George Braendle, diminutive sharpshooter from Lakewood, Ohio. Braendle succeeds R. D. Berkheiser of Hopewell, Pennsylvania, who was the first man other than a member of the Goodyear Club to hold the coveted title.

Sgt. Marvin Driver, captain and coach of the Detroit police team, copped the all-around pistol championship, replacing a teammate, Al Hemming. In winning the Goodyear championship, one of the stiffest rifle competitions, the highest aggregate compiled in the Dewar individual, 100-yard metallic, any sights and international, 50-meter individual and any sights and the Zeppelin individual matches, Braendle proved that it is consistency that counts. He finished second in the 100-yard metallic sights and 100-yard international events for his only places in the ranking three of each of the seven events. Braendle's winning aggregate score was 2776 x 2800-101X's. L. A. Wilkens of Independence, Ohio, was second with 2775 x 2800-111X's, while Merle Israelson, Zeppelin club president and member of the 1939 Pershing Trophy team, was third with 2775 x 2800-94X's.

On the pistol range a score of 278 x 300 in the .45 caliber national match, last event on the program, his best competitive score with that gun, enabled Driver to cop the aggregate with a 1375 score. Clyde Schetter, Akron, was second with 1323 and R. Wagner, Cleveland, took third with 1265.

High spot of the tournament came off the last day, after the majority of shooters had headed for home. Frank Thompson, Pitts-



burgh, fired an 800 x 800 to tie the world's record for the 50-meter any sight course. The match was the last of the day. When the preliminary bulletin was posted it showed Thompson tied with Frank Worthen, Barberton, Ohio, Milt Klotz, Akron, and Ted Charlton of Hancock, Maryland, for first place, all having scores of 400 x 400, necessitating a shoot-off. Charlton, who had left for home, was automatically relegated to fourth place. Thompson, Worthen and Klotz fired an extra string of 20 shots, which ended with Thompson and Worthen shooting 200 x 200 and Klotz 199 x 200. Another string of 20 shots was fired with Thompson posting another 200 x 200 and Worthen 100 x 200. Under the observation of Fred Moulton, N. R. A. observer for the match, Thompson attempted to establish a new world's record but by that time darkness made it humanly impossible to see the target and Thompson dropped a point on his first bull.

Leading prize winner of the tournament was Merle Israelson, who competed in 13 events to win three individual matches, teamed to win two team matches and topped one second and two thirds. Saturday's aggregate was won by Israelson and Sunday's by L. A. Wilkens. The women's championship was won by Dorothea Kelly and the American Legion crown by Edwin Rader. W. F. Woods, Akron, won the .22 pistol championship and the .38 national match events. G. Stahl of Akron was the .22 National Match winner.

The tournament opened with perfect shooting weather on Friday but was hampered by rain all day Saturday, and morning and evening on Sunday. Registrations totaled 126 in rifle and 29 in pistol. Shooters from 13 different states competed.—JACK PORTER.

#### WESTERN NEW YORK OUTDOOR PISTOL TOURNAMENT

The Third Annual Western New York Pistol and Revolver Tournament, a registered match sponsored by the Buffalo Shooting Club, got under way Saturday morning, July 22. The local weather bureau gave their blessings and sunny skies with very little wind was the order of the day. The attendance this year passed the mark established at the '38 matches. Both the Pacific and Atlantic coasts were represented, in the persons of Mr. and Mrs. John Lynch of San Pedro, California, and S. E. Ellis and N. M. George of Long Island, New York. The club's recently remodeled range was trimmed for action, the flag hung limp on the staff (as all the wind was coming from the speakers of the public address system), the first command roared from the throat of Jack Parson, Chief Range Officer and the match was on.

The highest honor of any shoot, the Grand Aggregate, was won by F. Lesicki, the genial police officer from Syracuse. His score of 1653 bettered last year's winner by 17 points. George Young of Buffalo placed second with a 1641. Mrs. L. Meier of Buffalo stood well out in front of the ladies present (and a good many of the men). Her 166 x 200 took first place honors in the Ladies Match and a 170 x 200 placed her high woman in the open .22 caliber slow-fire event. Crowding her closely was Mrs. J. Parson, who took second place 160 x 200 in the Ladies Match, and placed high woman in the .22 caliber timed-fire.

George Young, Buffalo's slow fire "addict", won the first match with a 186 x 200. The timed-fire .22 went to F. Lesicki with a 198. F. Holslag of the Pennsylvania R. R. took first honors in the .22 caliber rapid-fire with a 194 x 200. Lesicki came to the front again in the .22 caliber National Match with a 289 x 300, 12 points over last year's winner. The .22 caliber Aggregate brought Lesicki first with 856, Young second with 843 and Holslag third with 834.

The E. J. Rose trophy for the .22 caliber National Match Team was won for the second time by the U. S. Border Patrol (Buffalo Division), while the Keystone Revolver Club of Erie put together a score of 368 x 400 to sew up the .22 caliber Slow-Fire Team match.

Sunday morning with the .22's packed away, the big guns came out. Match number nine, slow-fire, fell before the accurate blasting of J. Bates of Erie with a 184 x 200. Mrs. L. Lesicki upheld the family reputation by placing high woman in this event with a 162.

L. Field took the gold medal in center-fire timed-fire with a 193. E. Meachum came through with a 184 to place first in the rapid-fire match. To prove that a win in timed-fire precedes a win over the course, L. Field won the center-fire National Match with a 272. The center-fire aggregate was closely contested—H. Englert of Oil City, Pennsylvania, ranked M. Simon of Beaver Falls, in a first place tie; both men scored 801 x 900. G. Young tagged along in third place with a 798. The center-fire National Match team was won by H. Englert and W. Kendall of the Penn State Game Comm. with a 536 x 600. First place in the center-fire slow-fire team match went to that hard hitting pair of slow-fire shots, Bates and Anderson of the Erie Keystone Club. Score 357 x 400.

The entire match ran with a clock-like smoothness that is only possible when every competitor cooperates completely with the match officials and their assistants. It is the hope of the tournament officials to be able to welcome every one of this year's contestants, plus a number of the country's hand-gun men whom we have not as yet been host to, at the bigger and if possible better match in 1940.—GEORGE BOYD.

#### FAIRMONT RIFLE AND PISTOL SHOOT

The Fairmont Gun Club of Fairmont, West Virginia, held their third annual outdoor registered tournament July 22 and 23 with an attendance of eighty-five competitors. Thirty-eight of these were hand-gunners. Ideal weather predominated with just enough white fleecy clouds to make shooting conditions perfect.

L. E. Kemp of Isabella, Pennsylvania, defended his Mountain State Rifle Title making a 3175 x 3200 score with J. H. Hatcher from Charleston, West Virginia, ranking second with 3159. In several rifle matches the winners in the lower classes tied the winners in the higher classes. In the 40-shot 50-Meter Match J. A. Griffith tied L. E. Kemp with a 395 x 400. In the 40-shot 50-yard match, Andy Gondy from Morgantown tied L. E. Kemp with a 399 x 400 and in the 50-yard, any sight match, Kenneth Root from Clarksburg, a tyro, tied with G. W. Smith, Parkersburg, West Virginia, with a 399 x 400, Smith shooting as a Master.

In the 100-yard, any sight match, Thomas Elby, Mather, Pennsylvania, an expert, and Walter Fowler, Washington, Pennsylvania, a sharpshooter, outranked L. E. Kemp, shooting 399 x 400 against Kemp's 397.

On the pistol range at the West Virginia State Police Headquarters, W. E. Stark of the West Virginia State Police, Fairmont, took high aggregate with a total aggregate of 1664 x 1800, topping Ellis Lea and Clyde Schetter, the 1937 and 1938 champs. Clyde Schetter, however, took the Expert Class aggregate with 1599 out of the 1800 possible.

L. W. Emrick of the state police took the Center-Fire Aggregate with an 834 x 900 score in the Master Class; but John J. Cash, Washington, D. C., took the medal in the Expert Class with an 842. G. M. Stewart, Washington, D. C., took the Sharpshooter Aggregate in the Center Fire Division with an 817 and Ray C. Schwab from Washington, D. C., the Marksman Division with a 730. Stewart and Schwab also won in their classes in the Grand Aggregate.

W. E. Stark, Fairmont, fattened his total by winning the .22 Caliber Aggregate with an 841 x 900 in the Master Class. A. M. Springer, Fairmont, came through with the high score for the National Individual with the .22 caliber with a score of 285 x 300 to top the Expert Class in the Aggregate with 830 x 900. Stewart took the Sharpshooter medal with an 820 score and Carson Schumacher from

Baltimore won in the Marksman Class with a 794 score.

In the team matches the West Virginia State Police won over the five-man Camp Perry Course with a 1439 x 1500, shooting center-fire pistols. They also took the .22 caliber team match over the National Match Course with a 1408 x 1500.

The medal winners in the various classes were well divided and we feel that the classification system of scoring will become more and more popular due to the wider distribution of the medal prizes among the competitors.

#### VANDERGRIFT SMALL BORE TOURNAMENT

The Vandergrift Rifle Club has a lucky piece hidden somewhere which they take out each year about the time of their tournament, rub with vigor a few times and so conjure up two days of fair weather. This year was no exception to the rule—July 15 and 16 both were clear bright days, ideal for the target punchers that convened on the Vandergrift range for their annual shoot. The registration showed a healthy upswing this year, with the 124 total shooters representing just 16 more than were on the ground last year. Entries averaged about 90 in all of the events.

Milton Klotz upheld the reputation of the Akron boys by winning the trophy in the first match, fired at 50 meters. The second event, over the Dewar Course, gave Ned Moor a trophy, and Ernie Pade outranked Franklin Thompson to win match three, the 100-yard individual. Klotz again rang the bell on match number four to win a trophy, barely ahead of the next ten men following him, who also posted perfect scores. Ned Moor's consistency won the first match on Sunday, also a Dewar event. Match six, 50-yards, iron sights, was notable for two things: Ted Charlton, registered in the Expert Class, outdistanced the Masters to take the trophy and within the same match there was a special Ladies Match, in which Mrs. Adelaide McCord nosed out Margaret Markey by one point to win a special medal. L. E. Kemp won the seventh match, 50-meter individual, with a 398.

The only two-man team match was won by Ted Charlton and Marion Eastep, who posted a splendid 399-25X score over the 100-yard course. Both aggregates were won by Ned Moor, who lead the field by a comfortable margin. He received two splendid trophies donated by the president of the Carnegie-Illinois Steel Corporation and the superintendents of the local plant.

The statistical force showed their speed, for which the Vandergrift shoot is noted, by posting a ranked bulletin for one match before the following match was completed. They insist there is nothing more than ordinary in this happening—it only takes good organization.

The entire shoot was a rousing success and the Vandergrift Club hopes the fellows will come back again next year and enjoy themselves.

#### VERMONT PISTOL TOURNAMENT

Only one competitor succeeded in getting to the top in more than a single match at Vermont's fourth annual State Pistol and Revolver tournament, held at Fort Ethan Allen on July 16. Don Robinson won the .22 National Match Course match, taking the Blodgett Trophy out of circulation in the second year of its existence by winning it for the second time, and the championship aggregate with a comfortable six point lead.

John Healy, shooting in the sharpshooter class, won the center-fire National Match Course event, beating the high expert by one point. Healy was also high sharpshooter in the championship aggregate. Earle Witham, as high Vermont resident, took the Yeaton Trophy and State championship in the expert class.

A pair of Maine marksmen won the Doubles Match, center-fire National Match Course, Wilbur G. Ricker and John M. Lane leading by six

points another Maine shooter, Horace Weatherbee, who teamed up with Don Robinson. D. H. Farr repeated and again won the Montpelier Trophy Match, 20 shots slow-fire with any pistol or revolver, 25 yards, outranking A. D. Murray with the same score of 196. A four-man team from the Rouses Point Fish and Game Club took the .22 National Match Course team event with a score of 1094, while the Capital Rifle & Pistol Club's team with 1072 paced the Pine Tree Pistol Club by two points in the center-fire Camp Perry Course match.—P. H. TEACHOUT.

### CUMBERLAND VALLEY PISTOL MATCHES

With a record attendance, the annual tournament sponsored by the Chambersburg Pistol Club was fired on the club's range at Chambersburg, Pennsylvania, on Sunday, August 6. Sixty-six competitors were registered and entries in each match closely approached that figure.

With entries from Philadelphia, Wilmington, Harrisburg, Washington, and other cities, the results show that once again it was a case of "local boy makes good." George Lyons, a member of the sponsoring club, carried home first place awards in four out of five individual events. The team match was won by the U. S. Treasury Team, closely followed by the number one team of the Washington Metropolitan Police. The Treasury team posted a score of 1086 to lead the field of nine teams entered.

In addition to Lyons' sweep of the first places, L. D. Parker of the Treasury team, Robert Johnson of Villanova, Pennsylvania, C. F. Thompson, R. B. McMahon, and M. I. Bridges of the Metropolitan Police Team, Lt. N. O. Castle of the Marine Base at Quantico, Virginia, and a young lady, Sophia Lord of Wilmington, Delaware, shared the remaining awards. Of this number, McMahon was the only one to win a first place over Lyons.

Wilbur H. Overcash, in the position of Executive Officer of the match, is to be congratulated on the excellent set-up of this match and also for the able officials which he selected. With R. W. Holden as Chief Range Officer, Fred Price in charge of targets, and Humbird Linn as Chief Statistical Officer, the match ran smoothly in spite of the unexpectedly heavy attendance.

The officers of the Chambersburg club are already planning to expand this range to accommodate even more competitors in the future. With more targets available they also plan to provide more matches in their programs.—C.R.R.

### CORN STATES PISTOL TOURNAMENT

Unless we miss our guess the Corn States Pistol Tournament in Omaha is destined to become one of the outstanding handgun matches of the year. Everything points in that direction and plans are already being formulated by both Chamber of Commerce and 360 Rifle and Pistol Club officials for the 1940 tournament, so we suggest that middle western shooters plan to spend the last week-end of July in Omaha next year.

This year a complete new pistol range was constructed which now is the equal of any in the Middle West. The location selected seems to be ideal for the 1939 matches were fired with hardly a breath of air to disturb the shooters. The solid bank of trees behind the targets affords just the proper background to relieve eye strain and make shooting a real pleasure.

Another feature at Omaha that seems to mark it for further success is the splendid publicity given by both Ralph Wagner and Harry Burke of radio station WOW and Fred Ware, Sports Editor of the Omaha World-Herald. All three saw to it that their listeners and readers were kept right up to the minute with details of what went on each day.

One of the nicest features of the program at Omaha was the awarding of medals to state winners, club winners and in some matches to high woman. The sponsors want all the so-called "hot shots" to make the Corn States Tournament, but also wish to make awards to "home folks". Next year it is planned to use the N. R. A. Classification System.

Francis O'Connor of the Kansas City Police Team came through to win the majority of first place medals but in many of the matches he was pushed hard by Alles of the Customs Border Patrol, Henry Drake of Geneva, Nebraska, Bill Morgan of Lincoln, as well as by his own team mates. Bert Cline of the U. S. Secret Service in Kansas City came up for Sunday's matches but could make but a one day stay as he was on his way to Washington for the Treasury Department matches in which he won a place on the Camp Perry Team.

O'Connor held the lead throughout both days, winning the aggregate; Joe Franano, his team mate, was right on his heels, Alles was third, and fourth came Jim Crawford, secretary of the 360 Club, who also won the local club championship at the same time.

Only a few entries were made in the .45 caliber events but here new names began to appear on bulletins. One was Arthur James, old-time big-caliber man who is teaching his daughter the game now. Arthur had been dogged by hard luck until the .45 rapid-fire came along where he won a state award with a revolver against the more favored pistol.

We haven't taken space for scores but if you wish a list of these write J. B. Crawford, Omaha, Nebraska and he will see that you also receive a program for 1940—mark this tournament on your calendar right now.—F. L. W.

### FORT FRANCIS E. WARREN MATCHES AT CHEYENNE

The song goes "where seldom is heard a discouraging word"—but that fellow had never been on a rifle range, for out in Wyoming we heard plenty of what might be called in politer circles "discouraging words" as the wind blew everything, even the shirt, off your back. Perhaps that's one of the things, however, that makes for the camaraderie on the big Fort Francis E. Warren ranges during those "miniature Camp Perry" matches of early July. The fellows just give up the idea of being big shots with possible scores and come right down to sporty wind-doping in the same class with every other.



*A touch of the Old West: Brig. Gen. Peck shows the trophies awarded at the Cheyenne matches to Miss Louise Holmes, Queen of the Cheyenne "Frontier Days" Celebration*

Anyway, it was a great tournament and hard to find the equal anywhere. A true miniature Camp Perry with high power rifle, small bore rifle and pistol going full blast for a heavy four day schedule. A staff of officers willing to go to any length to please the competitors and give them the practical ownership of the camp for those four days. Range accommodations to take care of the largest big bore or small bore matches, with pistol range plans for another year to equal the rifle. A program that runs 'em ragged if they get too ambitious to shoot all events. Camp facilities, clean and new and modern. A competitor's mess that makes you want to stay around permanently and catch up on your expense account.

Aside from that wind, any such praise cannot best the enthusiasm of every competitor for these

matches. And next year's weather prediction is "fair and warmer."

The ramblin' Texan, Thurman Randle, in his first visit to the Cheyenne matches took the main small bore and big bore rifle aggregate. Compiling an aggregate of 2573 for six small bore matches he led M. H. Canjar by twelve points. Noteworthy in this aggregate is Mrs. E. H. Caley's fifth place and also her Gold Medal for Ladies! Randle started out with a first place in the sixty shot, 50-, 100- and 200-yard opening match with a 593-33X score; took the Dewar with a 396-22X; gave way in the third match to E. M. Kell's 398-30X, by two X's; came back in match six, 50-meters, to lead C. R. Howard by six points with a 399. In between these spurts, Mrs. Caley won the 100-yard match, with a 396-24X, with a 20-mile wind as no assistance. W. Henderson and Mrs. Caley each totaled 399 in the 50-yard match with 56 competitors in a fifteen mile wind, Henderson's 29X's beating the region's outstanding woman shooter by 2X's.

The pistol matches, smaller than those of the other ranges and averaging about thirty to a match, were mainly headed by Arvid Anderson, U. S. Treasury, and Charlie Askins, U. S. Immigration Border Patrol. Again by special request of the shooters, the wind is mentioned before giving scores. The aggregate belonged to Askins by virtue of his fourth place 259 in .22 and his second place 267 with center-fire, and a third place 278 over the Police Course. Anderson was second in this aggregate with a first place N. M. score of 262; a tenth place 250 center-fire National Match and a first place 280 Police Course. F. M. McBride of Denver showed third in the aggregate although he failed to head any of the separate events. Jake Engbrecht, who won the slow-fire 50 yard match with a .38, also took the slow-fire aggregate prize offered. The only other to win a first place was G. C. Pearce who led the center-fire National Match with a 269 in a twenty-mile wind. The center-fire team match was taken in a walk by the Treasury gang—Anderson, Parker, Meloche, and Foley, collaborating to lead the Colorado Rifle Club by fifty-five points, 1079 to 1022. Denver police were third with 1018.

Thurman Randle shared one of the aggregates in high power rifle, a 197-31V for 600- and 1000-yards; a 75-11V for 600-yards slow fire, and an illustrious 99-12V in a 20-mile wind at 100 yards. Angelo DeBaso took the other aggregate with a 93-5V score at 1000-yards; a 95-2V in the 200-yards slow-fire standing and 600-yard slow-fire; a 94 in the 200-yard rapid-fire sitting and 300-yard rapid-fire prone. Randle led in number of first place medals and trophies with four wins. R. L. Griffith took the 200-yard slow-fire with a 94. J. Keil the 600-yard slow-fire with a 50-7V; M. Murdoch took the 1000-yard with a 95-9V; Glen Hogan the 200-yard with a 49-4V; T. C. Mazos the 300-yard rapid-fire with 48; and R. M. Johnson the 200- and 300-yard rapid with 96. The average number of competitors for each match was around 78. The big team match was taken by the 1st Infantry team—a total score of 1637 over the 20th Infantry's 1587.

## Coming Events

### CALIFORNIA

**September 10:** Oak Park Pistol Club Tournament, Stockton, California.

**September 17:** San Francisco Traffic Police Monthly Matches, Fort Funston, California. Sponsored by the San Francisco Traffic Police Revolver Club, Inc. For programs write E. J. Dutil, 324 Sixteenth Avenue, San Francisco, California.

**September 24:** Tamalpais Revolver Club Tournament, Tamalpais, California.

**September 24:** San Francisco Rifle Association Tournament, Richmond, California. Sponsored by the San Francisco Rifle Association. For programs write L. Colburn, 2349 Leavenworth Street, San Francisco, California.

**October 7-8:** Southern California Championship, Glendale, California. Sponsored by the Southern California Small Bore League.

**October 8:** Alameda Police Pistol Tournament, Oakland, California. Sponsored by the Alameda Police Pistol Club. For programs write Captain J. M. Strohm, 2247 Central Avenue, Alameda, California.

**October 15:** San Francisco Traffic Police Pistol Tournament, Fort Funston, California. Sponsored by the San Francisco Traffic Police Pistol Club.

**October 15:** Second Annual Sacramento Valley Small Bore Rifle Championship, Sacramento, California. Sponsored by the Capital City Rifle and Revolver Club. For programs write Ray Murphy, 2753 Riverside Boulevard, Sacramento, California.

**October 22:** Metropolitan Indoor Small Bore Championship, Oakland, California.

**October 22:** San Jose Pistol Club Tournament, San Jose, California. Sponsored by the San Jose Pistol Club.

**November 18-19:** Pacific Southwest Small Bore Tournament, Glendale, California. Sponsored by the Southern California Small Bore League.

#### COLORADO

**\* September 24:** Colorado State Small Bore Rifle and Pistol Tournament, Denver, Colorado. Sponsored by the Colorado State Rifle Association. For programs write W. L. Jacobs, 1449 Pontiac Street, Denver, Colorado.

#### CONNECTICUT

**September 16-17:** Greenwich Revolver Club Fall Match at their range near Port Chester, New York. For programs write H. H. Friend, 53 Prospect Street, Stamford, Connecticut.

#### DELAWARE

**\* September 29-30-31:** Delaware Tidewaters Revolver and Pistol Championship, Wilmington, Delaware. Sponsored by the Wilmington Marksman's Club. For programs write F. C. Wince, P. O. Box 302, Wilmington, Delaware.

**\* October 1:** Marksman's Club Fall Rifle Tournament, Wilmington, Delaware. Sponsored by the Wilmington Marksman's Club. For programs write F. F. Palmer, Jr., 604 West Tenth Street, Wilmington, Delaware.

#### DISTRICT OF COLUMBIA

**\* October 6-7:** Fourth Annual Invitational Pistol Tournament, Washington, D. C. Sponsored by the Washington Metropolitan Police. For programs write Sgt. S. R. McKee, c/o Police Department, Washington, D. C.

**\* October 15:** Fifth Annual National Capital Rifle Club Small Bore Tournament, Washington, D. C. Sponsored by the National Capital Rifle Club. For programs write Tom Arnold, 7 McCreary Street, Hyattsville, Maryland.

#### FLORIDA

**\* November 5:** Florida West Coast Small Bore Championship, Clearwater, Florida. Sponsored by the Clearwater Rifle Club and Florida State Association. For programs write L. W. Abrams, 705 Prospect Avenue, Clearwater, Florida.

#### GEORGIA

**\* October 14 and 15:** South Atlantic Small Bore Tournament, Savannah, Georgia. Sponsored by the Savannah Rifle Association. For programs write James E. Silva, 115 Whitaker Street, Savannah, Georgia.

**\* October 16-17-18-19:** South Atlantic State Pistol Tournament, Savannah, Georgia. Sponsored by the Savannah Police Pistol Club. For programs write Captain John J. Clancy, Police Department, Savannah, Georgia.

#### HAWAII

**\* October 7-8:** Third Annual Hawaii Double Ten Pistol Tournament, Honolulu, T. H. Sponsored by the Chinese Gun Club. For programs write Wilfred Chang, 164 North King Street, Honolulu, T. H.

#### ILLINOIS

**\* September 10:** Fort Sheridan Small Bore Tournament, Fort Sheridan, Illinois. Sponsored by the Illinois State Rifle Association. For programs write M. Gawron, 3434 North Avers Avenue, Chicago, Illinois.

**September 10:** Wisconsin-Illinois Interstate Tournament, Fort Sheridan, Illinois. For programs write Oliver Moody, 5527 North 35th Street, Milwaukee, Wisconsin.

**\* September 10:** Rockford Rifle Club Small Bore Tournament, Rockford, Illinois. Sponsored by Rock-

ford Rifle Club. For programs write Kenneth Van Alstyne, 1436 Crosby Street, Rockford, Illinois.

**September 17:** Pistol Matches. Sponsored by the Arrowhead Rod and Gun Club. For programs write Frank Gerlich, 386 Blackhawk Road, Riverside, Illinois.

**\* September 17:** Annual Fall Rifle Tournament, Champaign, Illinois. Sponsored by the Illini Gun Club. For programs write P. E. Hotchkiss, 905 West Church Street, Champaign, Illinois.

**September 17:** Fort Sheridan .30 Caliber Match, Fort Sheridan, Illinois. Sponsored by the Illinois State Rifle Association. For programs write Michael Gawron, 3434 North Avers Avenue, Chicago, Illinois.

**September 24:** Freeport Pistol Matches, Freeport, Ill. Sponsored by the Freeport Police Dept. For programs write Fred M. Held, 440 North West Ave., Freeport, Illinois.

**September 24:** Fort Sheridan .30 Caliber Match, Fort Sheridan, Illinois. Sponsored by the Illinois State Rifle Association. For programs write Michael Gawron, 3434 North Avers Avenue, Chicago, Illinois.

**\* October 1:** Fort Sheridan Small Bore Tournament, Fort Sheridan, Illinois. Sponsored by the Illinois State Rifle Association. For programs write Michael Gawron, 3434 North Avers Avenue, Chicago, Illinois.

**\* October 8:** Fort Sheridan Small Bore Tournament, Fort Sheridan, Illinois. Sponsored by the Illinois State Rifle Association. For programs write Michael Gawron, 3434 North Avers Avenue, Chicago, Illinois.

**October 8:** Fort Sheridan .30 Caliber Match, Fort Sheridan, Illinois. Sponsored by the Illinois State Rifle Association. For programs write Michael Gawron, 3434 North Avers Avenue, Chicago, Illinois.

**October 14-15:** Chicago Individual Championship Matches, Chicago, Illinois. Sponsored by the Chicago Revolver Club. For programs write Otto Widmark, 3106 Fullerton Avenue, Chicago, Illinois.

**October 15:** Fort Sheridan .30 Caliber Match, Fort Sheridan, Illinois. Sponsored by the Illinois State Rifle Association. For programs write Michael Gawron, 3434 North Avers Avenue, Chicago, Illinois.

**October 22:** Fort Sheridan .30 Caliber Match, Fort Sheridan, Illinois. Sponsored by the Illinois State Rifle Association. For programs write Michael Gawron, 3434 North Avers Avenue, Chicago, Illinois.

#### INDIANA

**\* September 23 and 24:** Indiana State Small Bore Tournament, Lafayette, Indiana. Sponsored by the Indiana State Rifle Association. For programs write Basil Middletown, R. F. D. No. 1, Culver, Indiana.

#### IOWA

**\* September 24:** Small Bore Tournament, Waterloo, Iowa. Sponsored by the Becker-Chapman Post Rifle and Pistol Club. For programs write James Hinson, 233 Columbia Circle, Waterloo, Iowa.

**\* October 1:** Seventh Annual North Iowa Pistol Tournament, Mason City, Iowa. For programs write Don Wells, Box 262, Mason City, Iowa.

#### KENTUCKY

**September 17:** Annual Pistol Tournament, Louisville, Kentucky. Sponsored by the Louisville Rifle and Revolver Club. For programs write J. A. Anderson, Jr., 1063 Bardstown Road, Louisville, Kentucky.

#### MAINE

**September 3-4:** Fifth Annual Sunday and Labor Day Shoot, Damariscotta, Maine. Sponsored by the Lincoln County Rifle Club. For programs write Thomas M. Prior, Damariscotta, Maine.

#### MARYLAND

**\* September 16 and 17:** Maryland State Rifle and Pistol Tournament, Camp Ritchie, Maryland. Sponsored by the Maryland State Rifle and Pistol Association. For programs write T. A. Penn, 35 East 25th Street, Baltimore, Maryland. Open to members of Maryland Clubs only.

#### MASSACHUSETTS

**September 9-10:** Annual Open Shoot, Woburn, Massachusetts. Sponsored by the Arlington Rifle Club. For programs write James E. White, 172 Beech Street, Belmont, Massachusetts.

**September 10:** Eleventh Annual Small Bore Championship of Western Massachusetts, Pittsfield, Massachusetts. Sponsored by the Pittsfield S. E. A.

A. Rifle Club. For programs write H. S. Endicott, 38 Hazelwood Terrace, Pittsfield, Massachusetts.

#### MICHIGAN

**\* September 17:** Fall Pistol Tournament, Flint, Michigan. Sponsored by the Flint Rifle and Pistol Club. For programs write Orley A. Boyd, 1717 Prospect, Flint, Michigan.

**\* September 24:** Fall Small Bore Tournament, Flint, Michigan. Sponsored by the Flint Rifle and Pistol Club. For programs write Orley A. Boyd, 1717 Prospect, Flint, Michigan.

**\* October 1:** Annual Fall Pistol Tournament, Jackson, Michigan. Sponsored by the Southern Michigan Pistol League. For programs write H. C. Henty, P. O. Box 275, Jackson, Michigan.

**\* October 4:** First Annual Police Pistol Tournament, Saginaw, Michigan. For programs write Lt. John Leppert, Police Department, Saginaw, Michigan.

#### MINNESOTA

**\* September 10:** Minnesota Arrowhead Pistol Tournament, Virginia, Minnesota. Sponsored by the Virginia Rifle Club. For programs write Andrew Bradish, 327 Ninth Street, South, Virginia, Minnesota.

**September 23 and 24:** Minnesota State Revolver and Pistol Championship, Fort Snelling, Minn. Sponsored by the Minnesota Rifle and Revolver Association. For programs write C. B. Melrose, 4515 Seventeenth Avenue, South, Minneapolis, Minnesota.

#### MISSOURI

**\* September 24:** Fall Small Bore Rifle Championship Tournament, Kansas City, Missouri. Sponsored by the M. B. A. Rifle and Revolver Club. For programs write T. A. Bradley, Kansas City Power and Light Company, Transportation Department, 19th and Charlotte, Kansas City, Missouri.

**October 8:** Annual Pistol and Rifle Matches, to be held at the Military Country Club, Kansas City, Missouri. Sponsored by the 110th Engineers, Missouri National Guard. For programs write Executive Officer, 3620 Main Street, Kansas City, Missouri.

#### MONTANA

**September 16-17:** Montana Pistol and Revolver Association Matches, Great Falls, Montana. Sponsored by the Montana Pistol and Revolver Association. For programs write R. W. Sleater, Shelby, Montana.

#### NEW JERSEY

**September 9-10:** Second Annual Stay-At-Home Matches, Haddonfield, New Jersey. Sponsored by the Hutton Hill Rifle and Revolver Club, Inc. For programs write John S. Hubbard, 641 Pomona Avenue, Haddonfield, New Jersey.

**September 10 and 17:** Annual Fall Small Bore Rifle Shoot, Karitan, New Jersey. Sponsored by the Somerset County Fish and Game Protective Association. For programs write W. Goldsack, 1111 Putnam Avenue, Plainfield, New Jersey.

**October 7-8:** Pine Belt Championship, Lakewood, New Jersey. Sponsored by the Lakewood Rifle and Pistol Club. For programs write Alvin A. Ferber, Madison Avenue, Lakewood, New Jersey.

#### NEW YORK

**\* September 24:** Sixth Annual N. Y. C. A. A. Small Bore Tournament, Albany, New York. Sponsored by the N. Y. C. A. A. Rifle and Revolver Club. For programs write O. E. Whitbeck, 122 Morris Street, Albany, New York.

**September 30 and October 1:** Long Island Rifle and Pistol Association Fall Championship, Woodbury, Long Island, New York. Sponsored by the Long Island Rifle and Pistol Association. For programs write H. J. Steinberger, 150-47 87th Road, Jamaica, Long Island, New York.

#### OHIO

**August 20 to September 9:** National Matches, Camp Perry, Ohio.

**\* September 17:** Third Annual Small Bore Tournament, Grove City, Ohio. Sponsored by the Grove City Sportsman's Rifle Club. For programs write Pat Grooms, Grove City, Ohio.

**September 23-24:** Second Annual Small Bore Rifle Matches, Mt. Healthy, Ohio. Sponsored by the Wilmo Rifle Club. For programs write William A. Sayrs, 4124 Spring Grove Avenue, Cincinnati, Ohio.





# SCHWEITZER LEADS Morse Leads BOTH WITH WINCHESTER



## Mrs. L. P. Bartlett and Wm. O. Breuler Share Regional Championships, Wife H

**B**BETTER than the best of the nineteen other world's leading small bore marksmen who shot in the great Pershing International Team Match at Richmond, England, was Wm. P. Schweitzer, of Elizabeth, N. J. Leader of the victorious American ten-man team in piling up their grand score of 3950, 398 x 400 the highest individual score of all—both teams included. And at Richmond, in the 400 Club International Team Match—six-man teams—great marksman shot the highest score for the winning American team—and 398 x 400. A superb demonstration of sustained superiority, by a champion champions of long-established international fame. And an equally significant proof of the quality of his choice in ammunition, which in both matches was Winchester EZXS.

Also the high man for the British Pershing team, Fred S. Morse, of Weymouth, Suffolk, England, whose score was 396 x 400, shot EZXS.

Thus EZXS took top honors on both teams.

In the Pershing Team Match, Willis Kenyon, of Michigan City, Ind., who shot Winchester EZXS, tied for the runner-up place on the team, with 397 x 400.

### HIGHEST REGIONAL CHAMPIONSHIP SCORES

Leading all Master Class Championship winners in the first seven of the new N. R. A. Regional Championships—respectively high over all and runner-up on the list—are two shooters of national renown whose leadership in major competition is often asserted. They are Mrs. L. P. Bartlett, of San Antonio, Texas, winner of the Southwestern Regional Championship, Master Class, score 3178 x 3200; and Wm. O. Breuler, of New Haven, Conn., winner of the New England Regional Championship for the Master Class, score 3177 x 3200. Both won with Winchester EZXS and Model 52 Heavy Barrel.

In the Far Northwestern Regional Matches, Neil Baldwin won the Master Class with 3147 x 3200 and Mrs. Ivan K. Waddell the Expert with 3134. Each shot a Model 52.

In the Eastern Regional Championships, T. T. Charlton, of Munhall, Pa., took the Expert Class Championship with 3152 x 3200—only 4 points below the winner of the Master Class Camp Perry trip—with EZXS and Model 52.

### NEW ENGLAND REGIONAL

Besides winning the Regional Championship, Master Class, in New England's First Regional Tournament, at Fort Devens, Mass., July 22-23, Wm. O. Breuler won First in the 50 Meter Championship,

First in the Massachusetts Mid-Range Any Shot Championship. His scores, 397 x 400 and 399 x 400. First in the Massachusetts Dewar Championship was Dave Carlson, with 399 x 400. And First in the 50 Meter Any Sights Championship was E. L. Darkow, with 396 x 400. All used Winchester EZXS and Model 52.

### FLORIDA'S WEHLE TAKES MAINE CHAMPIONSHIP

Vacationing in the North, Victor Wehle, of Petersburg, Fla., took in the Maine State Small Bore Tournament at Skowhegan, June 24-25, and walked off with the Pine Tree State Championship—the Aggregate. His score 982 x 1000, shot with Winchester EZXS and Model 52. Wehle also placed down First in the Short Range and Mid-Range Championships.

### PADE AND CHARLTON AT VANDERGRIFT

In the Second Annual Small Bore Tournament at the Carnegie-Illinois Rifle Club at Vandergrift, Pa., in the July 15-16, Ernest Pade and Ted Charlton entered the tournament in the important 100-Yard Individual Match—Any Sights, Master Class—and the 50 Yard—Any Sights, Expert Class. Pade's score, 397 x 400 and Charlton's 400 x 400-27Xs. Each shot EZXS. Both showed up strongly throughout the tournament. Others who did likewise were Art Darkow, just Miller, Sam Bond, all shooting EZXS. All of them, except Charlton M52-J.



WINCHESTER REPEATING  
Division of Winchester  
NEW HAVEN, CT

# AS THE AMERICANS ad The British WINCHESTER EZXS

TRADE MARK

## ler She Pace for the First Seven Master Class , Wife High and Runner-up Scores

### SIX FIRSTS IN DELAWARE TIDEWATERS MATCHES

the Farnhurst range, Wilmington, Del., July 22-23, in the Delaware Tidewaters Small Bore Championships, individual winners using Winchester EZXS took six Firsts, nine Seconds and Ten Thirds. Ten individual Firsts were won with EZXS. Honors were generally spread around, no one having a walk-over.

E. D. Schober, winner of First in the Dewar Individual Iron Sights Match—398 x 400-26Xs—won the 50 Yard Individual Any Sights, score 398 x 400-26Xs. First in the 50 Meter Individual Any Sights Match, with 394 x 400, was H. Smith. R. Street took his First in the 50 Yard Metallic Sights, sticking in a neat 399 x 400-22Xs. G. Sylver got his in the 100 Yard Any Sights, with 397 x 400-23Xs. A. A. Adams was the winner of First in the Swiss Match, with 26 bulls, twelve points up on the winner of Second. Adams also won Second in the 50 Meter Individual Metallic Sights Match. R. H. Miller, Second in the Marksmen's Aggregate, scored 1367 x 1400. All these were made with Winchester EZXS and Model 52.

### BOND AND DARKOW AT AKRON

Continuing his fine winning form, demonstrated so conspicuously in the Ohio State shoot where he won the Open and State Aggregate Championships, Bond won the 100 Yard Any Sights Match in the Zeppelin Tournament at Akron, July 28-30. Score, 399 x 400-26Xs. Right on his heels was E. L. Darkow with 399 x 400-24Xs. Both shot Winchester EZXS and Model 52. In the 50 Yard Any Sights Individual, Art breezed ahead, winning over a flock of perfect-score shooters, with a splendid 398 x 400-35Xs—also using EZXS and Model 52. In the American Legion Match at 50 meters, E. M. Miller was the winner, score 197 x 200, shot with EZXS and Model 52. Merle Israelson and C. H. Miller paired successfully in the 50 Meter Two-Man Match, winning First with 198 and 199—397—both shooting EZXS and Model 52.

MAINE  
Wehle, of the State June 26-28, won the 50 Yard Any Sights Match, shooting EZXS and Model 52.

### PENNSYLVANIA STATE SMALL BORE WINNERS

Pennsylvania's 2nd Annual State Small Bore Tournament, at Indiantown Gap, July 29-30, was another big meet, in which shooters using Winchester EZXS and Model 52 won outstanding success. Second in the Grand Aggregate—down only one point from the winner—was well-seasoned, consistent individual H. Miller, with a splendid score of 1985 x 50 Yard Any Sights, with 198 x 400-22Xs. In all matches he shot with EZXS and M52. Ernest Pade, going strong this year, just as last year, and setting a splendid example of the success that is possible for younger shooters of his class, carried off the Dewar Aggregate

with the excellent score of 795 x 800. In the Grand Aggregate, Pade won third with 1984 x 2000. Also, he won First in the Dewar Course, Any Sights, with 399 x 400—13Xs; Second in the 50 Meter, Metallic Sights, with 397 x 400, and shared First, with top score of 399, in the Two-man Team Dewar, Metallic Sights—team score 796 x 800. Also, in the Two-man Team Dewar, Any Sights, Pade again shared Second with the high score of the team. His partner, L. E. Bittner. Their score, respectively 396 and 395—total 791. In all matches Pade used Winchester EZXS and Model 52, as did Bittner in the match mentioned. Frank Frohm, veteran with many championships to his credit, came through with a splendid 399 x 400-24Xs for First in the Dewar, Metallic Sights. Frank also took First in the 50 Meters, Any Sights—400 x 400. Paired with his brother Harry, they won First in the Two-man Dewar, Any Sights, each shooting 396 x 400—total 792-43Xs. In the Two-man Dewar, Metallic Sights, they took Second, Frank scoring 398-28Xs and Harry 396-19Xs. In the Grand Aggregate, Frank took Fourth place with 1981 x 2000. Both he and Harry used EZXS.

### TOM LEWIS TAKES TWO AT WOODBURY

In the All Plaque Invitation Shoot at Woodbury, N. Y., held July 30, able Tom Lewis of St. Albans, shooting EZXS and M52-J, won the Aggregate with the sizzling score of 599 x 600, and likewise won the 50-Meter Iron Sights Match with a perfect score of 200 x 200. Lewis also won Second in the other Aggregate—of Matches 1 and 2—with a 399.

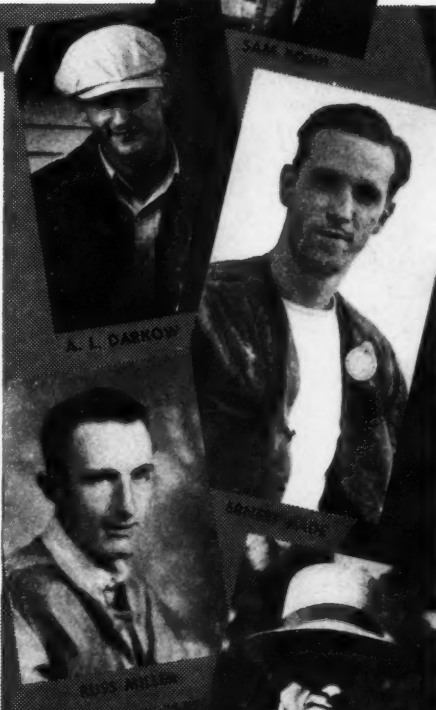
### EZXS WIN HONORS AT ROSLYN

At the New York State Rifle Association Outdoor Matches at Roslyn, Long Island, August 6, the Dewar Course Metallic Sights Match was won by Dave Carlson with 399 x 400-27Xs; the Two-man Team Match by Wm. O. Breuler and Jack Lacy, 398 x 400, and the Four-Man Team Match by the Quinipiac team of New Haven, 793 x 800-50Xs, all with EZXS and Model 52.

### GOOD FOR THE HIGHEST SCORE IN ANY MATCH

The same supreme uniformity so convincingly demonstrated month after month, season after season, by shooters who win with unequalled scores, is constantly at your disposal in Winchester EZXS. Ask your dealer for detailed information.

Write Winchester Shooting Promotion Division for Winchester Ammunition Book and new Winchester Model 52 Rifle Folder—Free, upon request.



WINCHESTER ARMS COMPANY  
Spartanburg, S. C.  
U. S. A.

**September 24:** Second Annual Autumn Small Bore Rifle Tournament, New Philadelphia, Ohio. Sponsored by the Tusco Rifle Club, Inc. For programs write Warren H. Tonkin, 933 West High Avenue, New Philadelphia, Ohio.

**September 24:** Tri-State Pistol Tournament, Norwood, Ohio. Sponsored by the Norwood Revolver Club. For programs write Clyde H. Fordyce, 2434 Indian Mound Ave., Norwood, Ohio.

**September 24:** First Annual Canton Pistol Club Open Non-Registered Shoot, Canal Fulton, Ohio. Sponsored by The Canton Pistol Club. For programs write H. A. Sherlock, 1435 Sixteenth Street, Canton, Ohio.

**\* September 30 and October 1:** Third Annual Open Pistol Tournament, Akron, Ohio. Sponsored by the Summit County Pistol League. For programs write J. C. Kelsey, 133 Highpoint Avenue, Akron, Ohio.

**September 30-October 1:** Mead Third Annual Small Bore Rifle Tournament, Chillicothe, Ohio. Sponsored by the Mead Rifle Club. For programs write Roy Kern, 431 Laurel Street, Chillicothe, Ohio.

#### OKLAHOMA

**\* October 7-8:** Oklahoma State Small Bore Rifle and Pistol Championship, Okmulgee, Oklahoma. Sponsored by the Oklahoma State Rifle Association. For programs write Mrs. Helen Croom, 814 South Creek Avenue, Okmulgee, Oklahoma.

#### PENNSYLVANIA

**September 2-3-4:** Labor Day Small Bore Rifle Tournament, Hummelstown, Pennsylvania. Sponsored by the Central Pennsylvania Rifle Club. For programs write Charles W. Sensenman, 425 South Thirteenth Street, Harrisburg, Pennsylvania.

**September 4:** Fifth Annual Labor Day Small Bore Tournament, Harmony, Pennsylvania. Sponsored by the Zelenople Rifle Club. For programs write Martin W. Neuhausen, 337 E. New Castle Street, Zelenople, Pennsylvania.

**September 16:** Small Bore Rifle Tournament, Vandergrift, Pennsylvania. Sponsored by The Vandergrift Sportsmen's Club. For programs write H. R. Bush, 714 Irving Street, Vandergrift, Pennsylvania.

**September 17:** Second Outdoor Rifle Shoot, Washington, Pennsylvania. Sponsored by the Firestone Rifle and Revolver Club. For programs write Walter Fowler, c/o Firestone Rifle Club, Washington, Pennsylvania.

**September 17:** Small Bore Rifle and Any-Caliber Pistol Shoot, Philadelphia, Pennsylvania. Sponsored by the Holmesburg Fish and Game Protective Association. For programs write Russell Cornelius, 4608 Maple Street, Holmesburg, Pennsylvania.

**\* October 11-12:** Stonedale Police Match, Sewickley, Pennsylvania. Sponsored by Mr. T. A. McGinley. For programs write Captain John Strum, Police Department, Sewickley, Pennsylvania.

#### TENNESSEE

**October 1:** Pistol Shoot, Knoxville, Tennessee. Sponsored by the Volunteer Rifle and Pistol Club and Knoxville Police Department. For programs write C. E. Burkhart, R. D. No. 1, Knoxville, Tennessee.

#### TEXAS

**\* September 16-17:** Southwestern Pistol Tournament, Dallas, Texas. Sponsored by the Trinity Rifle Club. For programs write George Spurlin, 5922 Bryan Parkway, Dallas, Texas.

#### VIRGINIA

**\* September 23 and 24:** Cavalier Small Bore Tournament, Richmond, Virginia. Sponsored by the Cavalier Rifle and Pistol Club. For programs write Andrew L. Kidwell, 5404 Ditchley Road, Richmond, Virginia.

**\* October 8:** Cavalier Pistol Tournament, Richmond, Virginia. Sponsored by the Cavalier Rifle and Pistol Club. For programs write Charles R. Hunter, 23 South Boulevard, Richmond, Virginia.

#### WISCONSIN

**September 17:** Second Annual Police and Civilian Pistol Tournament, Janesville, Wisconsin. Sponsored by Janesville Rifle and Pistol Club. For programs write Clinton Casberg, Police Department, Janesville, Wisconsin.

**\* September 24:** Annual Fall Small Bore Tournament, Racine, Wisconsin. Sponsored by the County Line League. For programs write Oliver Moody, 5527 North 35th Street, Milwaukee, Wisconsin.

\* Indicates Registered Tournaments.

## OBITUARIES



PATRICK J. O'HARE

Camp Perry isn't going to be quite the same this year. It will look the same, with all of the color and noise and everything else that makes Perry the place it is, but there'll be one familiar face missing, and with it, the soft-spoken Irish brogue of Paddy O'Hare. Paddy undoubtedly was better known to the shooting fraternity at large than any other of the thousands who have left their mark on the target shooting game of this country. He had never missed a firing of the National Matches since their inception in 1903, and at Camp Perry, Paddy's ruddy, friendly face became more of an institution than that of the Executive Officer.

Paddy O'Hare's own shooting career dated far back of that first National Match in 1903. One of the "grand old men" of the shooting game, Paddy's personal history was that of the game itself, from its start as a dormant infant at the close of the nineteenth century to the important place it now holds among the nation's sports. Paddy's role as a shooter embraced many of the illustrious firsts of the game, of which he numbered as preeminent the fact that he was selected as a member of the first U. S. Dewar team, which brought to these shores the big silver cup that has played a stellar part in our small bore game ever since. Born in Ireland, Paddy's life bridged all of the significant periods of U. S. target shooting history. His 71 years spanned the growth from Creedmoor, cradle of long range shooting as we know it, to the present National Matches, fell but a few months short of witnessing the latest development in the game—the trial on the Lake Erie range of the new Garand semi-automatic, which may write another chapter for the story of Yankee marksmanship.

O'Hare came to America 52 years ago, when small bore shooting was unheard of, and settled in Jersey City, where he lived until 1902. It was here in Jersey City, along with Bill Tewes, later Harry Pope, and others of that day, that Paddy's shooting prowess began to make itself known. Many are the stories told of those bygone days—yarns of the birth of our shooting game as told by Paddy himself over a cup of tea, poured in the familiar shack on Commercial Row that was Paddy's trade mark . . . of Paddy, with love of shooting transcending all else, slipping off of a Sunday morning with partner Bill Tewes, when, instead of attending Mass, the pair would practice at targets behind an abandoned cemetery . . . and of Paddy's barroom, with the shooting gallery in the back room. Paddy, it seems, had spent all manner of money on the splendid brass lamp

that provided sole illumination for the tiny range, and religiously admonished every newcomer to mind his aim, lest a stray bullet hit that precious lamp. But sad to relate, Paddy's own bullet, released in a careless moment, was the one that struck the lamp down, and worse than that, the resulting blaze set fire to the building, barroom, range and all.

Best known to the non-traveling element of the shooting fraternity through the familiar yellow-backed catalog of shooters' supplies, in which were listed all of the little gadgets that no one else could supply, Paddy's late years were spent as an importer and manufacturer of shooting equipment. His thirty-nine trips back to England and "the auld sod" were in quest of new items that might appeal to the American rifle shooter. Less familiarly known is the fact that he served 37 years as National Guard armorer in Newark and Jersey City.

One thing is certain. Paddy will not be forgotten . . . not as long as quaking rookie shooters go up on the firing line for the first time in a big match with one of Paddy's sight mikes helping out with half forgotten sight settings, or as long as the Dewar match is fired, with the memory of Paddy's year after year service as British observer, or as long as the O'Hare establishment is a part of Commercial Row. And it is sure to be carried on by two sons who are as Irish, and as interested in the shooting game, as Paddy was.—J. K. S.

## CLUB NOTES

Alfred Crowley, Sec'y of the Richmond Hill Rifle Club, writes that the club is seeking new members. This should be good news to trigger squeezers in the New York area, since the Richmond Hill boys boast the finest indoor range on Long Island. Incidentally, this is the crowd whose teams have won the Conn. State Gallery Championships, Metro City League Matches, Middle Atlantic Championships and a host of other rifle titles, so there's a chance for wide-awake shooters in the Long Island area to tie in with a real bunch of shooters. The range is equally O.K. for pistol shooters, too. Interested? Contact Sec'y Crowley at 115-103 228th St., St. Albans, L. I.

"Our gang (Legion Rifle and Pistol Club, Waterloo, Iowa) has been aching to fire against a foreign team in a series of three three-position 50-foot indoor matches, metallic sights, ten man team, five high to count. These could be fired any time between November and April." Perhaps some of our foreign readers would be interested in arranging such a series between their club and the Waterloo team. Arrangements may be made with Don S. Dawson, 607 Marsh-Place Building, Waterloo, Iowa.

The Co-Op Rifle and Pistol Club of Rochester (N. Y.) has just finished a new indoor range and wishes to share it with other clubs in that vicinity on a rental basis. Any clubs or individuals may get the details by writing William McNally, Sec'y, Aqueduct Building, Rochester.

## STOLEN GUNS

Hi-Standard Model "B", 4½" bbl., serial 35323. Stolen in Atlanta, Georgia, July 28, from car of Donald E. Graves, 1821 Jefferson Place, N. W., Washington, D. C.

Savage Model 19-H Hornet, no iron sights, scope blocks, serial 209695; 12½ Fecker, serial 6052, 1½ objective, ¼" mounts. Stolen July 26, from Sharpless Holden, 110 Price Street, West Chester, Pennsylvania.

Colt Camp Perry, serial 593; Colt .45 Auto, serial C13190; S. & W. .32 Long revolver, serial 262426; S. & W. .32 Target, serial 501588; Luger 7.65MM., serial 45862; Wilkinson & Son, London .455 revolver, serial 1642; Colt Super .38 Auto., serial 14653. Stolen from R. B. Atschuler, Hackensack, New Jersey.



# DOPE BAG . . .

Conducted by F. C. NESS

The M-24 Winchester double-gun which we announced in the June Dope Bag has been received and patterned. It is a fine gun for under thirty dollars and this goes for strength, appearance, handling qualities and modern features, some of the latter being novel to this low-price field. This two-trigger 12 gauge weighs about 7½ pounds with its 30-inch barrels. The frame is small, neat and extremely streamlined, the barrels appearing to bed low because the standing-breech is a smooth prolongation of the grip, sans the usual humps making it appear almost slender despite the full 12-gauge width. This and the straight raised rib and the stock dimensions give the whole fine lines. The large plain trigger guard and the plain vertical joining lines where plain walnut meets metal, at both ends of the receiver, constitute the homely aspects of this Model 24.

Now for fit and handling this gun has a well-designed semi-beavertail fore-end which seats the barrels low in the left hand while also protecting the fingers from barrel heat. The butt-stock is also so designed that the gun is mounted without fumbling or fuddle. The pitch down of 2 inches helps and the low direct-vision barrel rib does the rest. The long 14¼-inch stock makes it comfortable to shoot as 12-gauge loads and gun-weights go. The drop figures are 1 9/16 X 2 5/8 inches and the comb is full with a neat fillet at the small of the full-pistol grip. It has a good non-slipping buttplate of black composition. All metal parts are neatly blued.

The fore-end is fastened to the all steel shoe extension (forged in one piece) by two outside screws, which go all the way through wood and metal. The shoe is big in the matter of area covered but light, being of hollow shape. The bearing, however, is directly against the end of the receiver on both sides and great in extent. The heavy solid hinge pin is very large and it is equipped with a barrel stop to save damage. The big fore-end lug is electrically-welded instead of soldered. The frame is machined from a steel forging. The action parts are simple and positive. It has a speed lock or short pin-travel and a retractor which will prevent stuck firing pins with this gun. The barrels stay open for convenient loading, once opened. It has an automatic push-safety on top. The pull in both triggers is clean and not very hard. Also it is uniform which is unusual in low-cost guns. This gun is very strong, and one of the best I've seen for accommodating rifled barrels on account of the smooth solid breech devoid of fences or wings behind the bores.

As regards the rib alignment, the impact of the right barrel was 8 inches low and slightly more than that to the right at 40 yards. The offhand zero of the left barrel was a foot low and as much or more to the left at the same range. It has 2¼-inch chambers and some W.R.A. Super Speed and Trap loads of that length came with the sample, which loads were used in our test. The right barrel was called modified and the left, full choke. Both loads had 1¼ ounces of No. 7½ chilled shot.

First shooting the trap load at 40 yards, the patterns, in the 30-inch circle, ran 241, 269, 216, 278 and 275 for an average 59.39% in the right barrel. Low and high patterns made 50% and 64.5%, respectively, using a pellet count of 431 per load. This load and barrel spread from 14 to 19½ inches at 20 yards.

The left barrel ran patterns of 309, 297, 301, 234 and 344 hits for an average of 68.44% which is close to full-choke performance. The high pattern made 79.81% and the low 54.29%. This combination spread from 11½ to 16 inches at 20 yards. The Super Speed load in this same barrel spread from 13 to 18 inches at 20 yards, while in the right barrel this load spread 14 to 19½ inches.

The Super Speed load ran 40-yard patterns of 219, 276, 191, 250 and 182 for an average of 52.2% in the right barrel. The low pattern

was 42.21% and the high, 64.03% which is poor uniformity. In the left barrel this load ran counts of 276, 281, 280, 255 and 277 in the 30-inch circle, an average of 63.57%. These were most uniform of all groups as they ranged from 59.16% to 65.19%. They are, however, not full-choke patterns.

\* \* \*

**Safe plinking.** We now have available fine equipment for small-bore plinking. There are Savage, Marlin, Mossberg, Winchester and Remington auto-loading rifles. Among these the most appealing are the M-74 Winchester and the M-241 Remington because they are built to handle that cheap little low-power plinking load, the .22 Short rim fire. There is also the Model "C" High Standard autoloading pistol in this caliber. Of course, when used as single-shots most .22 rim-fire rifles and pistols (and all .22 revolvers) can be loaded with the .22 Short and even with the lighter .22 Conical Ball caps and the .22 Breech Ball caps.

When a high stone-free dirt bank or other safe backdrop is used to remove all worry about danger from potential ricochets, plinking is grand fun. For a very high backdrop Bill Stowell, of "Splat" fame, has a "Wing" trap for tossing 3-inch breakable discs to various heights and at different angles. Its magazine holds 25 targets and it can be operated by the shooter by means of a long cord. The trap weighs 25 pounds (equivalent to a 12-quart pail of water) and it has a built-in handle for convenient carrying. The price of this new "Wing" trap, with 128 Wing-Bird targets, is \$19.45, through Bill Stowell Associates, Canton, Maine.

Another new plinking game is offered by L. C. Read of Framingham Center, Mass. His trap uses Peters breakable Duvrocks and it has a circular, horizontal magazine from which the small composition discs are dispensed in turn, by cord release, down an incline, and are shot at while rolling along a flat platform arranged at any desired height, from hip to shoulder high. The trap itself is easily set up once the platform is erected, as it is held by a single bolt and wing nut. The body is of cast iron and the revolving magazine of pressed steel. It provides a running (rolling) target instead of a flying one.

When a safe backdrop for bullets is not available shot loads or shotgun must be used on the bustable targets of the two games just described. Except for shot loads in handguns Peters regular Duvrock trap would perhaps be more interesting as a shotgun game as it is somewhat faster. Also when the shooter has a partner the Western handtrap and the Remington automatic handtrap are well adapted for shotgun plinking with standard Blue Rocks or White Fliers.

A very fast game for the .22 Long shot cartridge, which contains about 127 No. 12 shot, in special-bored .22 plinking rifles, is Mo-Skeet-O, the new miniature Skeet game mentioned in the last dope bag. Those who are interested may write to the Routledge Manufacturing Co., Monroe, Michigan. The targets are similar in shape to standard Skeet targets, but much smaller, or 2½ inches as against 4¼ inches. Also their composition and fragility is regulated for the light No. 12 shot. The special boring of standard .22 plinking rifles is patented by Mr. Fred J. Routledge and the intimate details cannot be given.

Phil Sharpe came through with the dope. He is already getting his second carton of 900 targets (at \$4.50) and evidently has become a devotee. He says he has gotten consistent breaks at 55 to 60 feet and has gotten them as far as 70 feet. As compared with standard Skeet this miniature game is laid out on a distance of 70 feet instead of 40 yards (between high trap and low trap).

The system of boring is a straight .22-caliber cylinder for short of a foot, followed by a .38-caliber offset tapered to .41 caliber or .410 bore

at the muzzle. This overboring results in greatly improving the pattern performance of the .22 shot cartridge. One of our records for a standard rifled bore with Remington Hi-Speed (120 No. 12c shot) as compared with a smooth-bore barrel shows 11 hits and 41 hits, respectively, in a 4-inch circle, 19 and 68 in a 6-inch area, 27 and 88 in an 8-inch ring and 34 and 91 in a 10-inch circle. In other words, the rifled bore averaged 23 hits and the plain smooth-bore had a mean of 72 pellets in the same area with this same load. The Routledge special boring is even better, putting 50% in an 8-inch circle at 50 feet and 80% in a 5-inch circle at 30 feet. George Canfield told me his Parker .410-bore chamber adapters act the same way in his 20-gauge double, giving him patterns normal in every way for the boring of each barrel, the adapter serving merely as an extended .410-bore chamber. That is very interesting and also somewhat inspirational.

For those who want to make their own plinking targets, there is now available a soft rubber mold of four cavities from Stanley Coutant, Rancho Santa Fe, Calif. One of these makes a large disc with bullseye and inner circles and a hole at the top for convenient hanging. Another makes a plain disc target one-half as large. This has notches on opposite sides for peg, nail, hook or tack support. Two larger cavities form a teacup with open handle and a bird of the same size. These latter two targets have flat bases for stands.

The white casting plaster used costs 90 cents per 100 pounds. The mold must be washed between fillings and some time must be allowed for the wet plaster to set. This makes it slower than some impatient plinkers might like. It is easily operated as evidenced by the fact that I turned it and the measuring cup over to my 12-year-old son without further directions and he turned out some near-perfect targets of each type with it.

\* \* \*

**Automatic Haugan-Pacific.** For some time now we have been very conveniently seating pistol and rifle primers automatically in our Pacific reloading tool, thanks to the Haugan Automatic Primer Feed with which we have it equipped. See the cut.

The Pacific is a fine strong tool, one of the best choices when several calibers are to be covered by one tool. However, repriming is somewhat slower than other necessary reloading operations with the Pacific, and as a consequence it acquires a radically different complexion when equipped with a properly-fitted-and-adjusted Haugan auxiliary priming device. This makes it quite unnecessary to touch a primer by hand. The tool handle itself does it all automatically while resizing and decapping fired cases. The primers are picked up and loaded into the magazine tube by successively thrusting its top end over fifty primers to fill the tube.

The universal magazine tube is made to fit all different brands of large-size or of all small-size primers. To special order there can be had also a matched tube which will fit any certain rifle or pistol primer. We have both Haugan outfits complete and have found these tubes to work perfectly because they are uniform, being carefully bored and reamed tubes instead of the common tubing sometimes used for this purpose. The tube is a fixed part of each gadget as is the primer cup and carrier so that large and small sizes cannot be used interchangeably in a given Haugan device.

The top or pick-up end of the magazine tube is slotted to give it a spring-retainer effect while picking up primers, no auxiliary charging tube being needed. The whole priming device is removed from the Pacific tool for this purpose. This is quickly and conveniently done because of the Pacific design which requires only the re-

removal of the Pacific hinge pin. The latter should be sent with the Pacific priming part to be converted, as the end of the hinge pin should be rounded for convenience. When in place on the Pacific tool a small aluminum follower rod is inserted in the magazine tube to act as a constant gauge on the remaining supply of primers.

There is an automatic sliding cut-off at the bottom of the tube which precisely frees a single primer at a time, the primer being fed directly into the cup of the Pacific priming arm. This arm can then be thrust under the case pocket by the thumb or operated full-automatically by the tool handle. In the latter case a collar block is slipped on the Pacific handle and screw-locked. Exact alignment is obtained by locating the collar block, and opposing adjusting screws are used to control the length or projection of the mainspring. This thrust arm is a short-bent length of stiff wire rod. So far we have had perfect results with all sizes of mainsprings furnished, which range from .078 to .090 inch diameter. It is desirable, though apparently not essential, to use the thinnest size which will reliably operate the Pacific priming arm. As good as any for general use on all tools, I believe, is the standard diameter of .083 inch.

For the perfect results of which this Haugan device is capable, the projecting length of this thrust wire (mainspring) must also be experimentally regulated. We had no trouble at all in doing this. We also got some extra long pieces and gradually cut them down while determining the ideal length. We found these to match exactly the standard lengths furnished by A. J. Haugan at the outset. The first thin pilot model (of aluminum, with simple wire cut-off) sent in by Mr. Haugan worked perfectly, but there have been a number of improvements since then. A thicker brass base, the plunger cut-off and the improved control for the thumb thrust are among these new things. We even tried our own idea of a longer double-capacity magazine, but we ultimately concluded that the standard 6-inch tube was best.

In the picture, you will note the wire thrust rod (mainspring) on the tool handle and, above it, the bottom-extension arm, which latter can also be manually operated if desired. This extension arm is rounded on top so that the wire rod will easily slip over it (during the tool-handle up-stroke) and is concaved on the reverse side so that the wire rod will surely be caught and engaged upon each and every down-stroke of the tool handle. This it does without fail, to push in the Pacific priming arm under the case pocket at the right moment. In fact, it works like a charm when properly adjusted.

The exact alignment of primer cup with case pocket is necessary, but this is provided for by a screw adjustment to suit individual Pacific tools and dies. Mr. Haugan thinks those who have no mechanical gumption will be better served by non-automatic thumb control of the priming arm, but I do not anticipate, as he does, any particular difficulty in getting the various critical functions of the automatic operation properly coordinated. It is so desirable once exactly adjusted that no Pacific owner should be denied the benefit of its automatic feature.

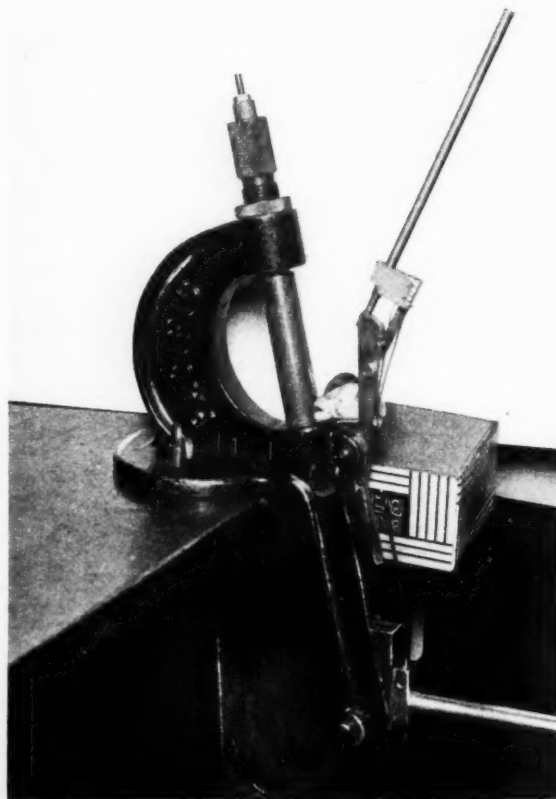
Some of the technical features not already mentioned might be interesting. The side-arm is made of cold rolled steel and it is 5/16 inch thick. The block which holds the brass primer-magazine is also of brass, but it will be made of aluminum upon special request. We have used both and have no preference. The standard 6-inch length holds 50 primers at one filling, which is more rigid, more con-

venient and quite sufficient. The Pacific-tool handle is first driven into its socket solidly so that it will not turn and then the collar-block holding the wire rod (mainspring) is fitted and centered and adjusted for ideal projection length. This length adjustment is to get it to slip off the bottom-extension arm just before the primer is fully seated. Final centering of the spring may be accomplished by wiggling it, but the length adjustment is locked firmly by the two opposing screws previously mentioned. The full-automatic outfits have a screw adjustment for centering primer with pocket. This is not necessary with the thumb-thrust outfit, which latter does not have the bottom-extension arm nor the mainspring handle-block.

It is neither difficult nor expensive to get one of these outfits. All you have to do is send your Pacific priming arm to the Dacotah Products Co., 1216 N. Lincoln Street, Aberdeen, South Dakota, and request an All-Primer Feed with hand-operated arm, at \$3.50 plus postage, or a Haugan Automatic Primer Feed, at \$6.00. As there are large primers and small primers, state the sizes you contemplate loading. If you want to use both big and little rifle or pistol primers you will need an extra Pacific primer arm. The same wire-rod mainspring on the handle block can be adjusted to handle both big-size and little-size devices interchangeably. The Pacific hinge pin should always be included so that its entering end can be properly rounded for you.

All I can add is that we have acquired a still higher regard for our good Pacific tool after equipping it with the Haugan Automatic Primer Feed, and I would like to see every Pacific user equally well equipped. So far we have used these outfits on .22 Hornet, .38 Special, Super .38 (A.C.P.), .250 Savage, .22 Varminter, .220 Krag-Lightning, .30-'06 and .45 A.C.P. caliber cases, and it has never failed to delight us with its perfect performance. This screed has turned out to be a heck of good free ad, but the product merits it.

### The Haugan Primer Feed



## LETTERS

**Sound Advice.** People always say that I stick my neck out for trouble and therefore I shall continue in my favorite pastime. Here goes! I have just finished reading Cottrell's account of game shooting with the new .270 Magnum and my belly is full of his long-range shooting. I may be wrong and I don't claim that I will be right, but I am going to give my point of view. I do not question Cottrell's shooting ability nor his knowledge of firearms because I am certain that he knows these fields very completely.

Any man who will let twelve-year-old boys shoot at deer at 400 yards is cuckoo. Cottrell says something like this. "The first deer killed was shot by Swetland's twelve-year-old son, Frederick. He got two misses at around 400 yards, as the deer was moving and he could not handle the rifle. At 300 yards the doe stopped, and Frederick killed it with a single shot through the shoulders and lungs."

For God's sake, man, a twelve-year-old boy can't be expected to handle a heavy rifle and then give him a shot at a moving deer at 400 yards. Men have been known to misjudge distance too.

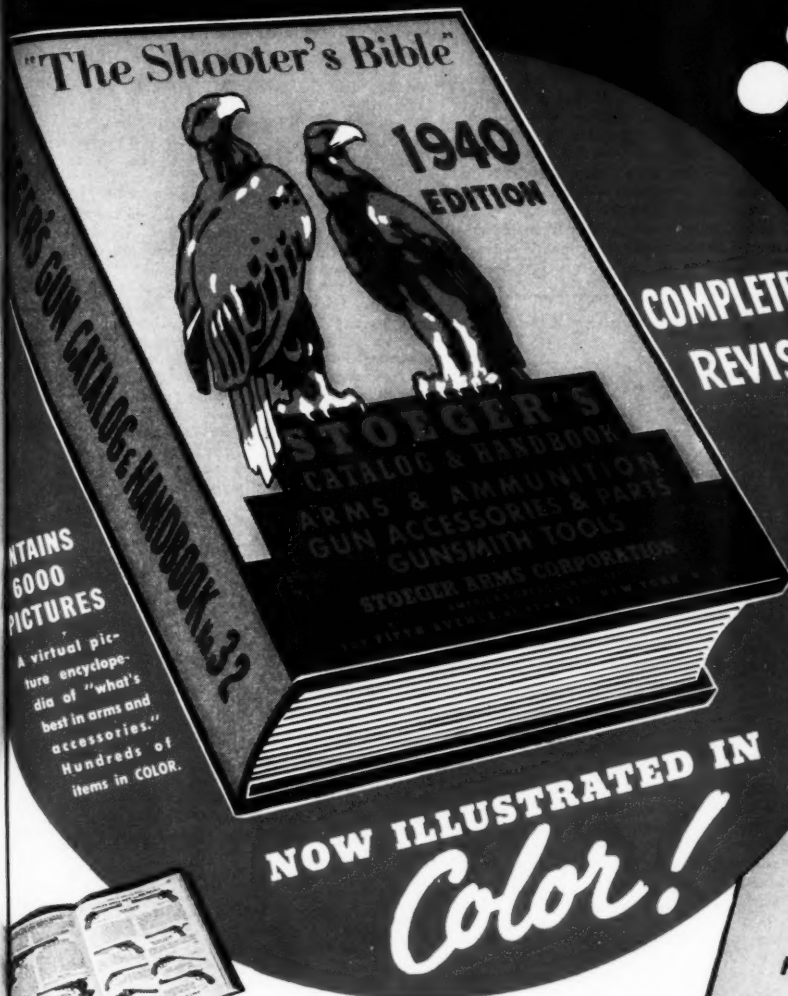
Suppose one of those first two shots had broken a leg or made a large flesh wound another deer would have died a lingering death due to the foolishness of man. Cottrell, himself, says Swetland's bear traveled three miles after being hit, so don't try to tell me that a small wound to a deer would stop him either. Shooting deer at 500, 600 and 700 yards is crazy, I think, because if a man can't get closer to his game than that he had better quit hunting.

Cottrell and his friends may be able to hit their deer at these long ranges, but think of the number of men who read *THE RIFLEMAN* each month. They read these stories and the first thing you know they get the idea that if Cottrell can do it they can too. "Shucks! they got an army rifle that will shoot ten miles," or at least some dope told them it would. Said long-range shooter goes forth and proceeds to leave wounded game scattered along his path—game which he thought he had missed.

The only advice I can give these men who want to shoot their game at long ranges is to cut out a life-size deer target and set it up at 500 or 600 yards and try to hit it. Then if you think you still want to get your game at long ranges practice until you can make your shots count. Not every man is an expert rifleman who reads this magazine and I would advise author not to recommend the longer ranges. I will be glad to hear from anyone on this subject. —MAX PATTERSON, Route 2, Box 38, Madera, Calif.

**Extenuating Circumstances.** Just finished reading Max Patterson's interesting letter, and I got a big "kick" out of it. I will explain a little regarding that twelve-year-old boy. The year before, when Frederick was eleven, I saw him make five straight bulls at 200 yards using the regulation Springfield rifle. At another time he made a 48 out of 50 on the same range using the Springfield rifle. So you see he had some experience with a heavy rifle. A lot of the boys in this section have killed deer, and Frederick wanted to do something different—he wanted to kill one at long range. The day he killed his deer at 300 yards he passed up three chances at ranges from 100 to 150 yards because they were too close! When he did start shooting at the deer in question, he fired from sitting position. He sat down across his father's lap with his butt on

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the ground, he held the rifle supported by his knees, which were in turn supported by his father's legs. The father put his arm around the lad to help steady him, and also to keep the recoil from knocking him out of position. He was shooting from the edge of a woods road.

Several other hunters—strangers—had been watching the deer, but without glasses had been unable to determine whether or not it was antlerless and legal. Swetland had binoculars. All were perfectly willing for the boy to take the shot. In all there were about ten hunters present, and some of them were good shots, and one other hunter at least had a scope-sighted .30-'06 rifle. If the boy had wounded that doe, and been unable to stop it, it would have been a very easy matter for some of the rest of the party to have stopped it. They were really taking no chances at all of wounding the deer and letting it get away. I am very sure that if Mr. Patterson could have been there himself, he would feel exactly as the rest of us, about it.

The first two shots, which were misses—were due, I believe to Frederick's being a little self-conscious and over anxious with such a large audience. The deer was moving slowly and was not too difficult a shot for the lad.

Now for a little general explanation regarding our long-range shooting. Practically all this shooting is from one hillside across to the opposite hillside. The hills are steep, or from a thirty to a forty-five degree slope, with narrow valleys; just room for a stream. When the leaves are off (as they are in deer season) the hunter has a mighty good view, and a deer will have to run a long ways to get out of sight. Also in so running it will not greatly increase the range. This makes it very difficult for a wounded deer to escape.

A deer shot at under these circumstances will seldom be frightened if the shooter does not fire too fast. The deer wind nothing, see nothing, and don't know where the shots are coming from. If hit they will seldom run far. We are told by every authority that a bullet wound causes no pain. A gun-shot deer will take a few jumps and stop—humped up. A wise old buck will often lie down at once, and behind a log, stump, or brush, and often one of the hunters will have to go over and start him out. Even a broken-legged deer will not go far.

Now with the short-range hunter this is very different. Here the deer is generally jumped. He has seen the hunter, or winded him, and is really frightened. If this deer is wounded he will really go places. He is running away from a known enemy. I think that fully ninety percent of the wounded deer that get away in this country are those wounded at close range.

Mr. C. R. Wilber, a NRA member, and his party are among the oldest bunch of long-range deer hunters that I know of. They hunt in the southern part of this County, and do all their hunting across one valley. In the past twelve or fourteen years they have killed around sixty deer, with few exceptions all well beyond 200 yards. All use .30-'06 rifles. They have not killed a single illegal deer, and have lost only one that they wounded. This buck was shot close to the top of the rim, and before they could finish it, it got over the top. They had one other buck get over the top, but they followed it up and got it.

Everyone who has seen this country, and especially when the leaves are off, is very enthusiastic about it, and our style of hunting. Just a few days ago Mr. J. G. (Jimmy) Levack, the well-known Winchester crack shot visited me at my camp. He has been all over the USA, but said he didn't know such a country existed, he thought it was the finest deer country he had ever seen. He also said that I did not go far enough in recommending the .270 and .30-'06 for our deer hunting—the ideal rifle in his opinion was the .300 Magnum. He is right. For the man who can handle such a large rifle, the .300 Magnum is the best commercial cartridge for our long range shooting.

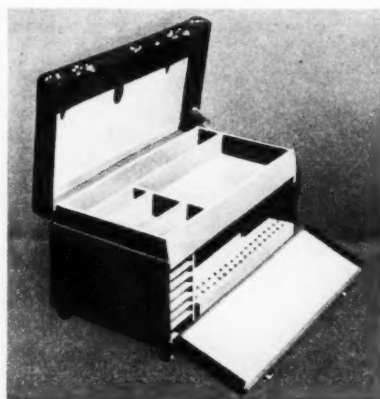
Mr. Patterson's advice about making a life-size deer target for practice shooting is mighty good. I have made several such targets, and the average rifleman, or I should say hunter, will be much surprised when he starts shooting at one at 300

yds., especially with a .30-30 or similar rifle, generally recommended by the experts for Pennsylvania deer hunting. If more hunters would sight in, and fire a few boxes of cartridges at such a target they would kill more cleanly. I would suggest that they sight in prone (or with rest) at 100 yds, then practice off-hand at 50 and 100 yds. and from sitting position, on up to any range in which they are interested. A deer looks different in the sights than a black bullseye. Paint the target a natural color.

Eight years ago this summer we made such a target, Mr. Swetland and myself, and used it in a country rifle match. No riflemen were present, just the country hunters. It was placed at an unknown range, between 200 and 300 yds. Actually it was 250 measured yards. Out of sixty entries in the match only two hit the deer! It would be a different story today.

I am glad Mr. Patterson wrote this letter, as it has helped clear up a lot of things. I too would like to hear from others on this subject—especially those who know this country.—BYRON E. COTTRELL.

### Military Shooting Kit



**.30-caliber Kit.** Now, following their Kit .22 for small-bore shooters, Wisler Western Targets are bringing out their Kit .30 for military riflemen. The Kit .22 was a fine job built for a purpose and not for a price, and I expect the new Kit .30 will be as outstanding. It will be displayed at Camp Perry for its first public appearance.

Because this is news and the kit is well designed I am showing a cut which I had made of it. It is made of wood and covered with imitation leather like the Kit .22 and it is lined inside with the same washable material. Someone tried to pull the handle off our Kit .22 by standing on the lid, and this Kit .30 is said to be fully as strong. The one shown is built for the 50-mm. B. & L. scope, but the standard model will take the 65-mm. B. & L. It is more than 15 inches long and it weighs under 9 pounds empty. It is built for hard use and rough handling.

Being a .30-caliber kit a space is provided in a handy grid for 6 clips of Service cartridges for rapid fire, and a 35-hole cartridge block for single loading in the League matches. This is all accessible from the front, and trays are arranged to avoid rattle and also to obviate scrambling of contents when the kit is accidentally tipped. There are proper places for the score book, carbide lamp, shooting glove and other accessories. It is practically water-proof and dustproof. Price around ten bucks.

I.M.R. 4350, said to be slower burning than either 4064 or 4320 powders and particularly well adapted for Magnum rifle loads, is available in canister quantities direct from the duPont plant at Carney's Point, New Jersey. It is not carried by any duPont distributing magazine. We have a couple of pounds of the new rifle powder for experimental loads in our .300 Magnum rifle, for which we are equipping

our convenient, late-model C. V. Schmitt reloading tool.

This may be the propellant with which Gebby and Smithy are supposed to have reached 5000 f.-s. With standard powders already on the market chronographed figures have reached 4000-4500 f.-s. using bullets considerably heavier than those of the much quoted .220 Swift. Before long this particular pot will boil over.

The only definite dope on loads with No. 4350, Lot 5-C (same as our own lot), has come in from an experienced experimenter who specializes in standard factory Magnums. In his .275 H. & H. Magnum, which holds more powder and uses less than other Magnums, he uses 56 grains of 4350 as the maximum load behind the 175-grain boat-tail bullet, without sticking cases. The relative load of 4064 powder is 52 grains. This case will hold 61 grains of the military powder.

In an interesting test he loaded successive loads of 52, 53, 54, 55, 56 and 57 grains of the new 4350 powder and all bullets landed in the 10-ring at 100 yards. He was determining the maximum load at the time, and found 57 grains to be too much, as it stuck his cases in the chamber. His real objective is to develop a new load with 4350 powder behind the 160-grain S.P. bullet in his .256 Newton. His present maximum load is 42 grains of 4064, although the Newton case will hold 10 grains more.

D. Barrett, our South African friend, has tried our armor-piercing bullets in his M-70 .30-'06 with only 50 grains of No. 1185 powder, and they went through 1-inch mild steel with ease, to the amazement of the natives. This very normal load just failed to perforate 1½ inches of steel, falling short of complete penetration by about ¼ inch. Another Barrett stunt is to file or saw very fine cross cuts in the tip of an M1 bullet, about 3/16-inch deep, and then close the point and polish off the burrs. He says the execution is terrific in large shoulder-shot crocodiles.

To those who may believe that components for the .276 Dubiel Magnum are scarce, I want to point out that Griffin & Howe have on hand several thousand of these cases which they quote at \$6.50 per hundred. Furthermore, they have on order, to the Western Cartridge Company, 5,000 .275 H. & H. Magnum cases which they will neck for the .276 Magnum. Griffin & Howe also have factory (made by Winchester) 2-R Lovell cases with the "G. & H." head stamp. Collectors please copy. We have obtained a box of fifty of these first factory-made Lovell cases and they are fine ones.

Youngberg has a .270 Winchester with 30-inch Sukalle barrel and an 8-inch twist for the long, lean, heavy, pointed bullets he uses. His 165-grain bullet was driven by 46.6 grains of 4064 powder and the velocity is not over 2800 f.-s. if that much. Still the drop figures correspond with those of the .280 Dubiel Magnum and 170-grain B.T. bullet over 600 yards. That is, 60 inches between 200 and 600, which is 3 minutes-of-angle flatter than the .300 Magnum, 180-grain Match load. The 10-shot group at 200 yards all fitted inside a 1¼-inch circle and at 600 yards the 10 shots measured 4 x 4 inches. Another group for check at the longer range measured the same. Even the rejects stayed in the 600-yard bull.

His 135-grain and 140-grain stream-lined bullets did not do so well at 200 yards in this 8-inch twist. The 10-shot groups were 3¼ inches and 2½ inches, respectively. As a consequence, they were not tried at 600 yards. These bullets did better in his standard .270-W with 24-inch barrel and 10-inch twist. The 10-shot groups at 200 yards were as small as 1½ and 2 inches. The bull gun first described will probably be seen at Camp Perry.

In the .280 Dubiel Magnum, L. G. Humphrey has been getting fine accuracy with Youngberg and W.T.&C.W. bullets and is now continuing his experiments with the new line of Barnes bullets, of which we have just received a complete line of samples. They range from 87-grains in the .25 caliber to 195-grains in the 7-mm. diameter and the group includes .30-caliber (125 and 160 grain) .256 Newton, .276 Dubiel Magnum and .280 Dubiel Magnum sizes in various weights. These Soft Point Barnes bullets are available through Fred N. Barnes, Bayfield,

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Colorado, and the others from Western Tool & Copper Works, Oakland, California.

The Youngberg bullets are not as yet ready for public announcement, but we have tried his 135-grain boat-tail in our .270 Winchester. This bullet weighs 136 grains on our Brown & Sharpe scale. It is made from the M2 150-grain Service bullet, as is the Youngberg 140-grain previously mentioned. Our best loads were 50, 50.5 and 51 grains of 4320 powder, the middle one seeming best. Another load, not quite as good as these, was 46.5 grains of HiVel No. 2. All with R.A. No. 8 1/2 K.B. primers.

**Against the Swift.** I have been a meat hunter and made part of my living with a rifle for more years than I care to remember.

My big-game rifle has been principally white-tail, black-tail, mule deer and bear, and while I broke in with a muzzleloader, my actual experience dates from the Sharps and Winchester '86 down to the high-velocity small-bores. Although I have no scientific data, I have studied the results of many a shot, and of many sizes of cartridges.

For me a rifle or bullet must, first, have sufficient accuracy for head and neck shots up to 200 yards, must pack enough wallop to paralyze or numb, must come out on broadside or quartering shots, for while this means wasted energy it also means a good blood track, especially on bare ground. Finally, the bullet must stay together and spoil a minimum amount of meat. The big-bore, low-velocity had their day. But that day is passed so it is useless to dwell on them.

For a decade or more before the World War a long-barreled .303 Savage met my requirements pretty well. Then, liking the crack of the .22 H.P., got one and had my first experience with the small, breaking-up bullets. This rifle would kill deer, but on long-haired animals its shortcomings showed up.

After more experimenting I finally settled on a Springfield .30-06 using the Service hand-points for ordinary deer shots with a few expanding cartridges in my pocket for a long-range chance. Many will pop up and dispute this, but I killed probably 40 deer with this combination and only lost one that I bloodied. The bullets always came out, and if they hit a bone will keyhole to some extent. They will usually leave a hole about the size of a quarter, which leaves a good blood track. Wanting a lighter rifle, I next tried a .250-3000. While it had the accuracy and killing power it destroyed too much meat. Being a meat hunter, I like to use all the meat and certainly dislike to bite down on a piece of bullet-jacket. Then I like to skin out a deer to look as nice as a butcher-dressed mutton and not have one side a bloody bubbly mess.

Have used many other rifles than these mentioned, and among other things I have learned that as one's skill increases he can use a smaller rifle. When I could usually call my shots within 2 inches on a deer, I killed dozens with a .25-20. Now, however, I am slipping and I need something heavier.

The object of my letter is to impress the tyro that unless he likes venison hamburger seasoned with blood, hair, bone, bullet fragments, etc., and is not a good tracker, he should use a powerful rifle. One that does not destroy too much meat and leave a blood track. Most deer do not fall instantly. I have spent hours investigating unaccountable shots and recovered many otherwise lost animals.—J. N. S.

**For the .220 Swift.** After reading the Dope Bag in the February and March issues of the Rifleman I realize that highly diverse opinions

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are still held on the .220 Swift and that not enough data on its killing power and performance has been assembled.

I am not quite ready to list the .220 Swift as a big-game rifle, but I do believe it comes nearer to it than a lot of calibers customarily classified as such and nearer than many people realize. I have had considerable experience with the Swift and thought maybe you would be interested.

I bought in the Fall of 1935 probably the first .220 Swift in Montana. I fired over 2200 rounds thru it before disposing of it. At about 1200 I noticed erosion and darkening of the throat and at about the same time I found the Sisk 55-grain bullet would not consistently stay point on, about one in five key-holing. At about 2000 rounds I noticed an occasional 48-grain factory load would key-hole, but strangely would stay in a group at 200 yards.

This gun killed two horses (for fox feed), one elk, 3 antelope, 3 coyotes, and hundreds of small vermin. To my knowledge not one single animal or bird got away wounded. The man who bought this gun from me took it to Wyoming. Incidentally the Swift owner, got his antelope with one shot at a range estimated at over 450 yards.

When I sold the Model-54 I bought a new Model-70 .220-Swift equipped with a Zeiss scope in Tilden mount. So far, with over 1000 rounds, I have found no key-holing nor any signs of wear in the barrel. I was using this gun last fall while hunting deer, with a friend armed with a .348 Winchester. We jumped a buck, running. My friend hit it just under the backbone and just back of the ribs, but it barely hesitated and ran on for 40 or 50 yards 'till I hit it with the Swift, and then it came down in a heap. The .348 made a hole in entrance about the size of my little finger and in exit about the size of my thumb. The .220, 48-grain S. P. broke both front legs and tore open the chest cavity. Now I don't mean to imply the .348 is inferior to the Swift, but I do believe the Swift would have stopped that deer had it hit where the .348 did. The deer was small, weighing about 125 pounds dressed and the range, about 150 yards or less.

A week later the Swift showed its inability to penetrate much bony structure on the elk I got. It was a 3-or-4-year-old fat cow. She was standing broadside when hit, the 48 grain S. P. bullet striking right on the leg bone, about 6 or 8 inches above the chest line. It never reached the inside of the chest and the only damage seen inside was a cracked rib. The shock, however, was sufficient to knock her off her feet and she slid down hill for about 40 feet and was unable to get up, although I gave her plenty of time to do so before giving her a finishing shot thru the head. The leg bone was pulverized and the effect of the bullet was at right angles to its entrance. Flesh was pulped and mangled, made unfit for eating, for as much as 15 inches away.

A ranger, Yellowstone Park semi-official executioner of park animals that are crippled, diseased, or for some reason have to be killed, has used the .220 Swift on some 30 or 40 head of assorted park animals, including moose and grizzlies. Although he says the .220 is not exactly a big-game rifle, he had no difficulty in killing with it, seldom requiring more than one shot.

Many times we have noticed the Swift seems to have a paralyzing effect on animals. Instead of the usual thrashing and kicking about in the

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death throes, they will turn over, the legs rigidly extended, acting as though electrocuted instead of shot.

So, like the ranger, while I don't believe the Swift is exactly a big-game rifle, I intend to use mine for that purpose. It won't be long 'till some one will develop a gun with the characteristics of the Swift, but with a bullet slightly heavier and better designed for bone penetration. A gun that will anchor any North American game struck anywhere in the body at ranges up to 400 yards. When a gun like that appears I'll get one. But then I'll use the Swift in preference to anything else for the shooting we have in Montana.—ERNEST E. CLACK.

## TRADE DOPE

Lovell Shell Extractor, No. 160, is offered by Marble Arms & Mfg. Company, for Lovell fans who occasionally have an old case break off in the chamber just forward of the head.

We have also learned that Marble Sporting Rear Sights No. 66, No. 67 and No. 68 are now made for the Remington Hi-Power Autoloading rifles, Models 8 and 81. These will have special bases to fit the rear of Remington barrels and the factory screw holes. They will be designated by the letter "R" following the sight numbers above. The price is \$2.50. Also, Marble's line now includes numbers 63-S, 64-S and 65-S for Stevens and Savage rifles with rear slots 9/32 inch in width. The price is \$1.75 each.

Military Handbook of the Johnson Semi-Automatic Rifle is now available. Nicely and precisely presented on good stock, both text and fine illustrations are freshly interesting. About 40 pages (7 x 9 1/4 inches). Price unknown, if there is any charge.

Fray-Mershon booklet shows some new items. The ones we bit on were the Speed Draw Safety holster. White Line Butt Extensions and Pistol Grip Spacers, Hold-All Giant Suction Cup and Swim Purses for utility wear on the wrist at the beaches. After receiving those selected we were disappointed in not finding all to be quality products. These were only a few chosen at random.

King-Dickerson Adapters were on display at Camp Perry last year. Now the line has been broadened by the King Gun Sight Company. There are palm adapters, thumb rests, front blocks separate and in combination for revolvers and pistols. Most of those tried have seemed quite comfortable to us. It is possible to simu-

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late the pistol grip by applying selected combinations to the revolver handle. They are very neat and easily attached without altering the factory stocks. This makes it possible to build a big target grip on a pocket woodsman and then strip the adapters off for pocket wear. Or the same thing could be done in the case of an autoloading pistol carried in a holster. With them regular Woodsman stocks can be adapted for target work on the Match Woodsman.

Slans Sporting Goods Co., 88 Chambers Street, New York, will send their new illustrated 50-page catalog upon receipt of 25 cents and include a novel self-starting cigar lighter. The catalog shows Charles Daly "Commander" over-unders and Charles Darlen double-barrel shotguns in addition to all American makes of guns, rifles, pistols and revolvers.

Trigger Shoes. Broad sharply fluted triggers are easily applied to the standard M-52 Winchester and M-37 Remington by two small screws. These Henshaw Shoes are curved to fit the trigger and slotted to receive it. Made by H. E. Henshaw, Pittsburgh, Pa. They were displayed at Camp Ritchie. Price \$2.00.

1939 Parker Hale Service Section catalog of 128 pages costs "9d post free" from Parker-Hale Limited, Whitlair Street, Birmingham, England. In addition to British shooting accessories and gear it shows their service revolvers and rifles in original and sub-calibers. I note with interest a comparison of the Short Magazine Lee Enfield with the Pattern '14 rifle, the first with Lee action and the latter a modified Mauser, mother of the M-1917 rifle. The Lee is lighter and shorter, its barrel weighing 2 lbs. and 2 1/2 ozs. against 2 lbs. and 14 1/2 ozs. for the 1914 Pattern. The Lee bolt is shorter and has a shorter travel and turning with a detachable head and two rear lugs against a fixed head and two front lugs for the Pattern '14. I also see a Flanged Bell eyepiece for aperture sights designed as they should be for maximum optical efficiency. Also a pretty neat shooting coat, made like a blouse with a crepe rubber shoulder pad and detachable (cup-type) elbow pads.

New Hudson List, includes ammunition at special prices in many popular calibers from the .22 Auto and .22 W.C.F. to the .45-70, also some old black powder loads and imported cartridges. Mills Woven Belts for big cartridges are being closed out at \$1.00 each, 1 1/4 Army slings at \$.45 to \$1.00 and .45 A.C.P. magazines at \$1.00. Among many other items there are 1-dozen new barrels for the Service pistol at \$2.50 each. Similar lists on used rifles and used shotguns are also available on request from Hudson Sporting Goods Company, 52 Warren Street, New York, N. Y.

Winchester rear sight for the M-75 target rifle has been improved in design and production to eliminate the back lash which we encountered in earlier samples. The most obvious improvements are the addition of a spring-tension to the elevation screw and better hard-fitting of the slide to the base, required in the improved model because the external compensating shim part has now been eliminated. The face of the slide in the new model is polished bright, the former slide having been blued. Apparently, target shooters can rely on the Winchester rear sight (if it answers the above description) and they can now economically buy the M-75 rifle with this factory sight and thereby save a couple of dollars.



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This section provides a quick, inexpensive means for disposing of guns and accessories no longer needed, or for the purchase of more suitable similar items. We urgently request that a full description be given of every article offered, and its condition (see complete instructions above), for transactions of this sort must be based entirely on good faith and mutual satisfaction. Deliberate misrepresentation will of course result in immediate expulsion from N. R. A. membership.

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**WIN.** M52, excellent, \$40.00. Win. M86, 45-70, Good, \$12.50. Krag, very good, \$15.00. Hensoldt Dyalot mounts, very good, \$30.00. Colt S.A. .45, excellent, \$22.50. Want K-22, K-38, Woodman. Frank Wilkinson, 82 Monticello, Buffalo, New York. 9-39

**MODEL 70 Target.** .30-06, selected stock, perfect, \$75.00. New Model 52 heavy, Lyman 77-48 FH, perfect except slightly altered target stock, \$45.00. Hi-Standard Model E, 4 1/2", perfect, original factory grease, \$28.00. No trades. R. V. Stone, Bristol, Tennessee. 9-39

**.30-30 WINCHESTER,** barrel excellent, stock marked, \$22.00. **WANT—**.30-06, also ammunition. Hilmar Conitz, Bluegrass, North Dakota. 9-39

**FACTORY SECONDS Recoil Pads, \$1.00,** postpaid. Complete with screws for attaching. You save \$2.25. Send outline of gun butt. Prompt delivery and satisfaction guaranteed. Incor Mfg. Co., Terminal Bldg., Youngstown, Ohio. tf

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**.30-06 SPRINGFIELD,** type "C" stock, excellent, \$28.00. Service Springfield, very good, \$20.00. Howe's Modern Gunsmithing, \$9.00, very good. J. M. Duggan, 1301 Rogers Avenue, Brooklyn, New York. 9-39

**MODERN High Grade Cross Bow; Used** Prismatic Binoculars; Engraved Horns. Frank Reside, 1023 Second Avenue, New York City. 9-39

**12 GAUGE Winchester M12, 30", full,** Noshoc Pad, \$32.00. 12 gauge Remington M31, 26", modified, \$31.75. Latest 10X Targetspot, \$49.50. B&L prismatic, \$42.75. Items excellent to perfect, description, stamp. Krag Action complete, \$5.00. Money orders, no trades. Paul C. Neuland, Morrisville, Vermont. 9-39

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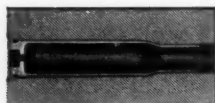
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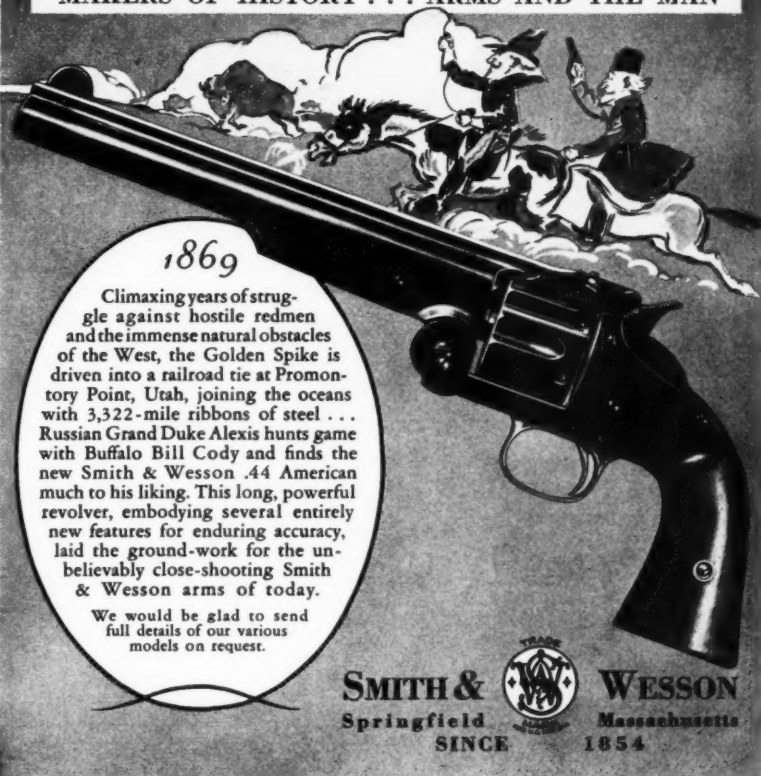
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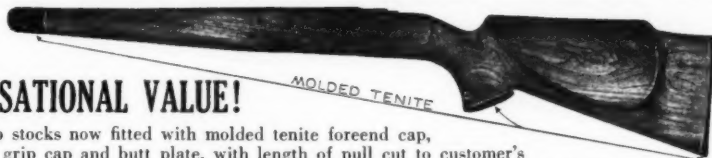
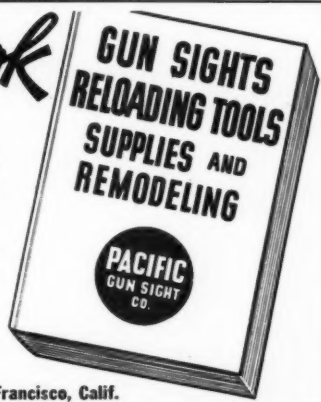
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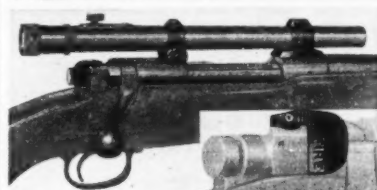
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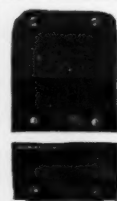
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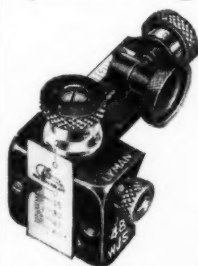
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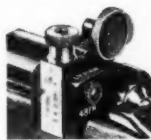
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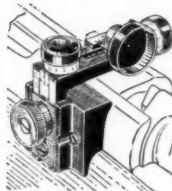
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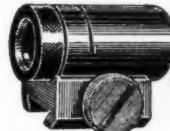
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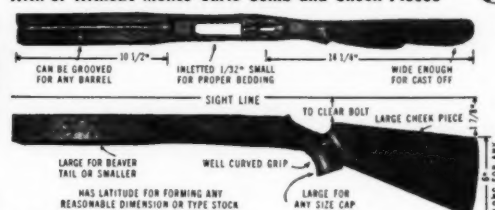
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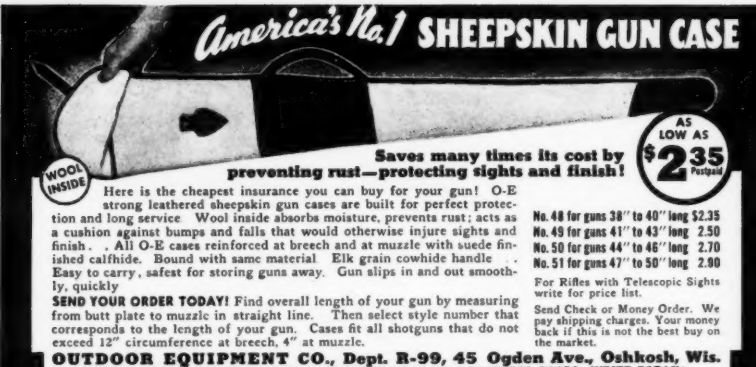
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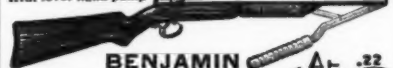
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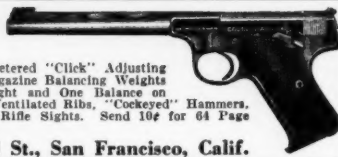


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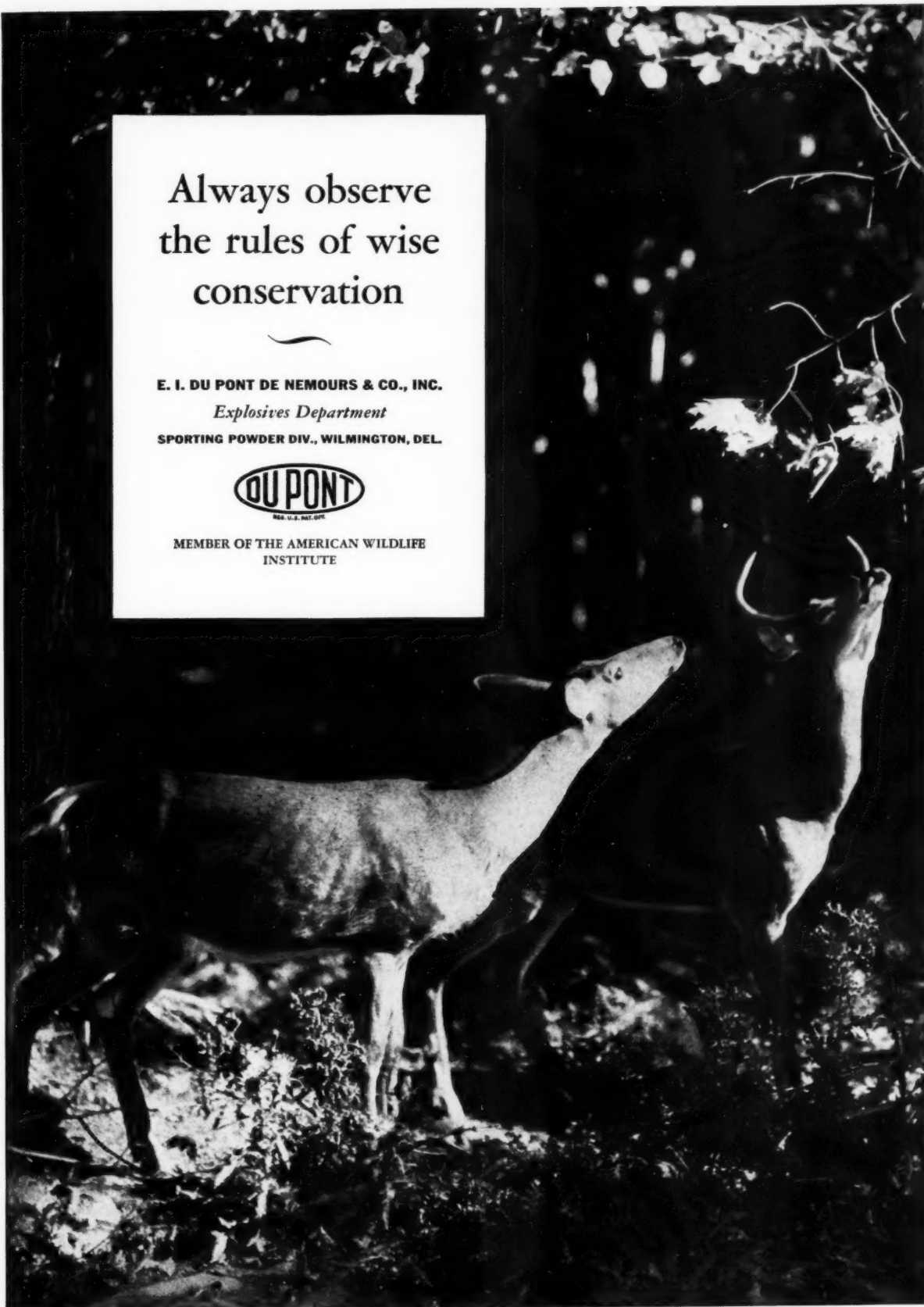
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Richmond, Cal., July 22-23

### Regional Aggregate

1. Fred Schelter, San Francisco, 3166—103-x  
Geo. Rowell, Los Angeles, Calif. 3159—116-x

Individual 50-Yd., Iron Sights  
1. G. B. Rowell, Los Angeles, Calif. 399—28-x

Individual Dewart, Any Sights  
1. G. B. Rowell, Los Angeles, Calif. 398—24-x

Individual Dewart, Iron Sights  
1. L. E. Johnson, Santa Rosa, Calif. 397—22-x

Individual 100-Yd., Any Sights  
1. F. I. Kebele, Berkeley, Calif. 399—22-x

SOUTHEASTERN REGIONAL TOURNAMENT  
Atlanta, Georgia, July 28-30

Regional Aggregate  
1. E. P. Menzen, Atlanta, Ga. 3167

## Dewart Course, Any Sights

1. E. P. Menzen, Atlanta, Ga. 399—29-x

Dewart Course, Iron Sights  
1. E. P. Menzen, Atlanta, Ga. 399—28-x

OHIO STATE SMALL BORE TOURNAMENT  
Mt. Gilead, Ohio, July 8-9

Dewart, Iron Sights  
1. H. S. Eagleson, Hamilton, O. 400—28-x

50-Meter, Any Sights  
1. F. A. Lewis, Springfield, O. 399

Renner Trophy Junior Match  
1. Helen Jenkins, Columbus, O. 397—20-x

Miller Trophy Junior Match  
1. Helen Jenkins, Columbus, O. 397—28-x

Jenkins Trophy Junior Match  
1. F. A. Chidsey, Jr., Wayne, Pa. 399—26-x

TUSCO SMALL BORE MATCHES  
New Philadelphia, O., July 2-4

## Match No. 4 Aggregate

1. Eugene Huff, Coshocton, O. 1591—16-x

Match No. 9 Aggregate  
1. Wm. Patriquin, Ernest, Pa. 1593—77-x

Match No. 14 Aggregate  
1. Eugene Huff, Coshocton, O. 1586—74-x

Match No. 15 Aggregate  
1. Wm. Patriquin, Ernest, Pa. 1586—70-x

Match No. 16 Aggregate  
1. Wm. Patriquin, Ernest, Pa. 1591—83-x

Preliminary 50-Meter, Any Sights  
1. Eugene Huff, Coshocton, O. 398

Preliminary Dewart, Iron Sights  
1. Capt. R. C. Andrews, LeCarne, O. 398

International Mid-Range, Any Sights  
1. Eugene Huff, Coshocton, O. 198

Individual Short Range, Any Sights  
1. Wm. Patriquin, Ernest, Pa. 400—30-x

## Individual Dewart, Iron Sights

1. Wm. Patriquin, Ernest, Pa. 399—22-x

Individual Mid-Range, Any Sights  
1. Wm. Patriquin, Ernest, Pa. 399—29-x

Individual Dewart, Any Sights  
1. Eugene Huff, Coshocton, O. 398—30-x

Individual 50-Meter, Iron Sights  
1. Geo. Brande, Cleveland, O. 396

VANDERGRIFT SMALL BORE MATCHES  
Vandergrift, Pa., July 15-16

50-Meter Indiv., Any Sights  
1. Milton Klotz, Akron, O. 399

50-Yard Indiv., Any Sights  
1. Milton Klotz, Akron, O. 400—34-x

50-Yard Indiv., Iron Sights  
2. Geo. Brande, Cleveland, O. 400—27-x

50-Meter Indiv., Iron Sights

## ZEFFELIN SMALL BORE TOURNAMENT

Akron, Ohio, July 28-30

Goodyear Rifle Championship  
1. Geo. Brande, Cleveland, O. 2776—101-x

Saturday Aggregate  
1. Merle Israelson, Akron, O. 1593—81-x

Sunday Aggregate  
1. Larry A. Wilkens, Independence, O. 1587

Dewart, Iron Sights  
1. Merle Israelson, Akron, O. 399—27-x

50-Meter, Iron Sights  
1. Merle Israelson, Akron, O. 399

Zeppelin Individual  
20 at 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1050, 1100, 1150, 1200, 1250, 1300, 1350, 1400, 1450, 1500, 1550, 1600, 1650, 1700, 1750, 1800, 1850, 1900, 1950, 2000, 2050, 2100, 2150, 2200, 2250, 2300, 2350, 2400, 2450, 2500, 2550, 2600, 2650, 2700, 2750, 2800, 2850, 2900, 2950, 3000, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 3400, 3450, 3500, 3550, 3600, 3650, 3700, 3750, 3800, 3850, 3900, 3950, 4000, 4050, 4100, 4150, 4200, 4250, 4300, 4350, 4400, 4450, 4500, 4550, 4600, 4650, 4700, 4750, 4800, 4850, 4900, 4950, 5000, 5050, 5100, 5150, 5200, 5250, 5300, 5350, 5400, 5450, 5500, 5550, 5600, 5650, 5700, 5750, 5800, 5850, 5900, 5950, 6000, 6050, 6100, 6150, 6200, 6250, 6300, 6350, 6400, 6450, 6500, 6550, 6600, 6650, 6700, 6750, 6800, 6850, 6900, 6950, 7000, 7050, 7100, 7150, 7200, 7250, 7300, 7350, 7400, 7450, 7500, 7550, 7600, 7650, 7700, 7750, 7800, 7850, 7900, 7950, 8000, 8050, 8100, 8150, 8200, 8250, 8300, 8350, 8400, 8450, 8500, 8550, 8600, 8650, 8700, 8750, 8800, 8850, 8900, 8950, 9000, 9050, 9100, 9150, 9200, 9250, 9300, 9350, 9400, 9450, 9500, 9550, 9600, 9650, 9700, 9750, 9800, 9850, 9900, 9950, 10000

100-Yard International  
1. Larry A. Wilkens, Independence, O. 197

Dewart Doubles, Iron Sights  
1. Merle Israelson, Akron, O. 797

Women's Championship, Iron Sights



SOUTHEASTERN REGIONAL TOURNAMENT

Atlanta, Georgia, July 28-30

Regional Aggregate

1. E. P. Menzer, Atlanta, Ga., .....3167

Jenkins Trophy Junior Match

1. E. A. Chidsey, Jr., Wayne, Pa., 399-26-x

TUSCO SMALL BORE MATCHES

New Philadelphia, O., July 2-4

International Rifle Range

1. Eugene Huff, Coshocton, O., .....198

Individual Short Range, Any Sights

1. Wm. Partridge, Ernest, Pa., .....400-30-x

Individual Mid Range, Iron Sights

1. Milton Klotz, Akron, O., .....400-27-x

50-Yard Indiv., Iron Sights

2. Geo. Brande, Cleveland, O., 400-27-x

50-Metre Indiv., Iron Sights

1. Milton Klotz, Akron, O., .....400-27-x

Dewar Doubles, Iron Sights

1. Merle Israelson, Akron, O., .....797

Women's Championship, Iron Sights

1. Milton Klotz, Akron, O., .....797